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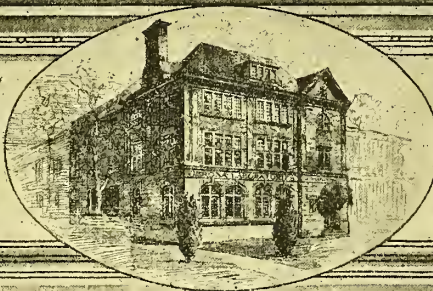
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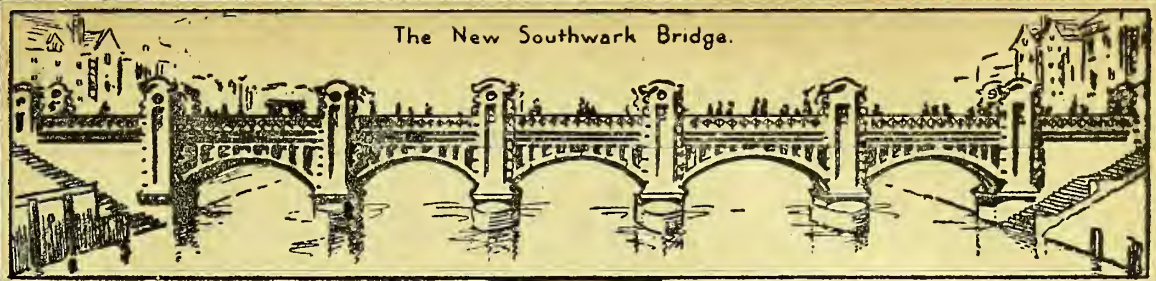
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THE LIQUID VANISHING SKIN FOOD.

Guaranteed absolutely free from Glucose, Benzoin or Tragacanth, so cannot dry up the skin.

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Per Gross

Pomade, in 1 gross boxes, screw cap 35/11

" " 1/4 " " " " 40/4

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Perfumed White, Blue Seal " " 6/6

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Delicately perfumed, especially adapted for Toilet purposes and as a dressing for the hair.

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In bottles, 10d. each, in separate neat cartons, with suitable brush.

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NO GLOSS. NO POLISH.

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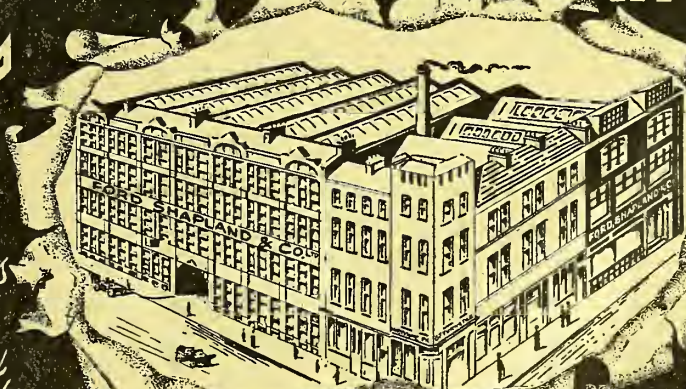
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100 Guest Room Packages free.				£2

Shipped via Parcel Post Prepaid.

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, inviting them to call at your store and get our Guest Room Package free, containing one each of the above in sample sizes, including Perfume.

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Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

Manufactured by

Venesta Ltd.
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⟨Price's Extra Triple⟩

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Lavender Water

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THESE high-grade perfumes are packed, ready for despatch, in neat wooden boxes, and represent attractive and ready selling lines.

Both the Eau de Cologne and the Lavender Water are also put up in varying sizes and packings.

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FOR HOME, HOSPITAL AND
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Look for the Name
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WARNING.

The package is being imitated, but the contents and the trade mark are inimitable and the name of Johnson & Johnson is the Hall-mark for Quality.

Antiseptic Baby Powder

Johnson & Johnson.

← Minimum Retail Selling Price P.A.T.A. 10½d. per package.
Cost 7/- per dozen net.



We are now in a position to supply THE ORIGINAL Antiseptic Baby Powder from our London warehouse.

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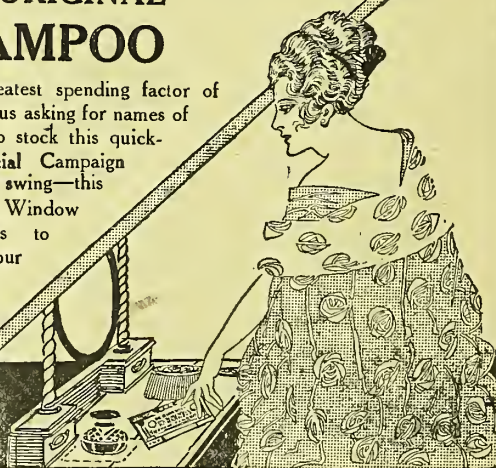
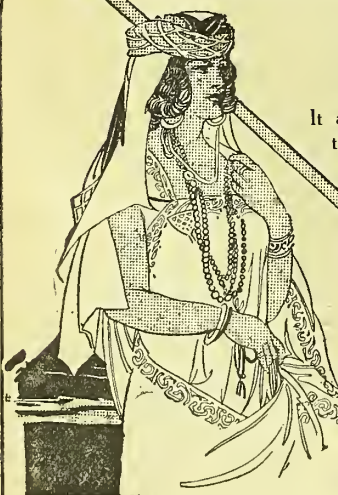
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**CHAPOTEAUT'S
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**THE BEST TONIC FOR
FORTIFYING AND BUILDING UP
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MORRHUOL CHAPOTEAUT



CAPSULES

MORRHUOL DE CHAPOTEAUT
is extracted from cod-liver oil, and
contains all its efficacious proper-
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*It cures Coughs, Bronchitis and Catarrh,
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**CHANDRON'S
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(Gouttes des Colonies)

**A harmless antiseptic
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*I find the other exquisite and
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by my name. Why? Because
Mary Garden*

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Face Powder

possessed of the elusive fragrance of Diadem Cream, adheres readily to the skin. Made in Blanche, Naturelle, Rachel, and Rose tints. Packed in large artistic boxes, in the distinctive Robartes style and colouring. A sure seller.



DIADEM

Vanishing Cream

a cream of rare purity and charm, put up in novel white globes which have an irresistible appeal and packed in dainty boxes in Robartes' attractive style. Handsome profits for you in selling.

Diadem Powder

Advertised and Minimum Retail Price . . . 2/6
Trade, per doz. 20/-

TRADE TERMS

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Trade, per doz. 30/-

Diadem Cream

Window and Counter Materials free on request. Write for particulars.

Special Notice and Offer to the Trade.

Each jar of Diadem Cream contains the following notice:—"On returning 6 of these empty Diadem jars to any Chemist or Hairdresser in the United Kingdom, a new 3/9 size jar will be given you free in exchange."

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The liquid hair remover

The intelligent depilatory. Simple, safe and effective. Pleasant and harmless. Invaluable during the décolleté vogue. Daintily packed.

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An attractive line that enjoys good sales. A greaseless Cream that takes the odour out of perspiration. Daintily packed in opal jars.

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3/9

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INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

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*LOSALL'S SALT (well advertised), tins	9d.	6/6
" " " " " bottles in " " " " " cartons	2/-	16/-

*Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

	Box.	Doz.
A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box @ 8d.	2/-	18/-

'Quid pro quo'



WING to the immense demand for Anzora and War-time delays in developing our plant, we are still somewhat behind with our orders. We apologise for any inconvenience this may cause to Chemists and Druggists, and suggest they place their orders early and resist the temptation to offer substitutes to customers.

We shall shortly cope with the demand, and, naturally enough, shall study first the interests of those retailers who have been good enough to take care of our interests.

TRADE 11/6 per doz. Retail at 18/-
TERMS 19/6 per doz. Retail at 30/-
Orders treated in strict rotation.



ANZORA

HAIR CREAM

MASTERS THE HAIR.

ANZORA PERFUMERY CO.,

28, 32, 34 Willesden Lane, London, N.W. 6.



The New Blondeau Line.

ONE DROP PERFUMES

Tenfold Concentrated. Without Alcohol.

DELICATE. FRAGRANT AND LASTING.

Easy Sellers—Popular Prices—Yield a Substantial Profit.

Amongst the varieties there are :—

White Rose.	Lily of the Valley.	Carnation.
Red Clover.	Violette de Parme.	Jockey Club.
White Lilac.	Sweet Pea.	Heliotrope.
Jasmin.	Ess. Bouquet.	Opoponax.
	Peau d'Espagne.	

One Drop sufficient to perfume the Handkerchief.

In Bottles on cards, to retail at 1/- each.

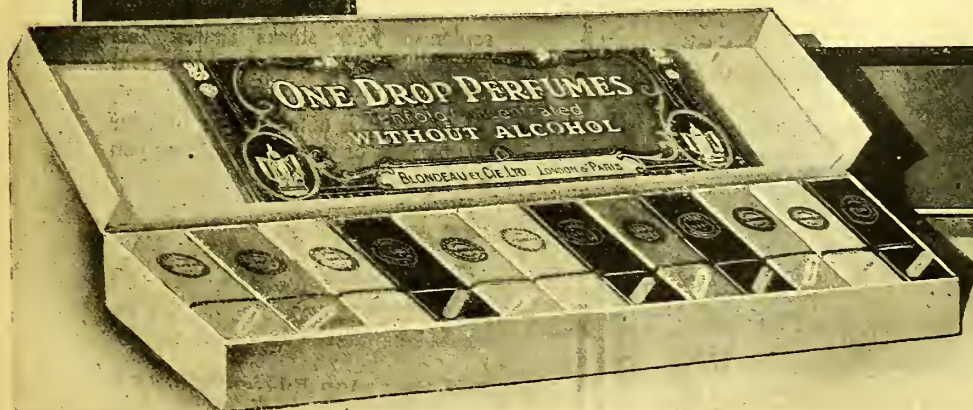
Also in Elongated Stoppered Bottles, each in fancy case, to retail, 2/- & 3/6.

BLONDEAU ET CIE, LONDON AND PARIS.

Offices and Works:

VINOLIA COMPANY LTD., Bebington, Nr. Birkenhead.

RV 341—29



IT PAYS TO PUSH IT. JOHN BOND'S "CRYSTAL PALACE" MARKING INK



6d. size, **3/7** per dozen. Minimum protected selling price, **5d.**

1/- " **6/7** " " " " " " " **9d.**

This will show retailers a profit on the 6d. size of no less than 43%.

The rate of profit on the 1/- size will remain the same.



Minimum order at Wholesale rates, one Gross of 6d. size amounting to 38/- or assorted order to same value. 1/- size 69/- per Gross. Carriage paid on parcels of £5 and upwards. Smaller quantities should be ordered through any of the Wholesale Houses. When ordering please specify if Heat or Non-heat is required.

☐ A good assured minimum profit on *this* Marking Ink which will always make new customers. ☐ Compare with what you are paying for other makes, and NOTE the difference. ☐ Retailers need not fear with *this* make competition by cutters.

Manufactory : **75 SOUTHGATE ROAD, LONDON, N.1.**

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO. L^D

The Largest Makers in the Kingdom.

BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office : 4 India B'ngs, Water St., Liverpool.

FOR LARGE BUYERS.

Dental Creams

Bulk or Packed.

Also Vanishing Creams, Brilliantines, Toilet Paraffins, Lime Creams, Pomade Hongroise, Tooth Powders, Shampoo Powders, and All Toilet Goods.

**LOW PRICES for
HIGH QUALITY.**

STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,
Desk 11, 31-35 Lower Castle, BRISTOL.

(6)

To the Trade.

We beg to inform the trade that we have going on in the daily press a novel scheme of advertising our unique preparation to the public, and intend that the direct benefit of it shall go straight to our customers.

We therefore strongly advise you to replenish your stocks against this campaign, and orders should be sent early to avoid late deliveries.

TOZANA is obtainable from your Wholesaler or direct, and shows you a very high rate of profit.

TOZANA
HAIR FOOD

257 Gray's Inn Rd., London, W.C. 1.

ELEY BROTHERS, LIMITED

specialise in the manufacture of
the following articles at the
lowest prices:

Shaving Stick Cases

Oval and Round Tops

for Powder Tins, Cruets,
Dredgers, etc.

Metal Boxes

for Dentifrices, Soap Tablets, etc.

Ferrules

for Walking Sticks, Whips,
Bamboo Fittings, etc.

Pencil Fittings

in any of the following metals:
Brass, Copper or White-metal
(nickel or silver-plated),
Aluminium and Jewellers' Metal
(Tombac).

During the continuance of the War we cannot undertake orders to make any of the above goods requiring one or more of the metals for their manufacture of which the use for commercial purposes has been prohibited by H.M. Government; but we invite inquiries, as we still have some articles in stock which were made before the prohibition was issued.

ELEY BROTHERS, Ltd.

(Dept. 21), Edmonton, London, N.



The Finest Quality
Aerated Waters are
made only with
the Finest Quality
ESSENCES

Boake Roberts'

Soluble Essences are
of the finest quality
and being extremely
concentrated are
most economical

Lemon	Ginger Ale
Orange	Stone Ginger (Cloudy)
Ginger	Clear Ginger Beer
Raspberry	Kola Champagne
Strawberry	Lime Juice and Soda
Pineapple	Lemon Squash
	Vanilla

A. Boake Roberts & Co. L^{td}.
Stratford, London.

Milner's Chemical Co., Liverpool.

TO-DAY'S PRICES.

		6 doz.	12 doz.
"MILNER CLEAVER"	3d.	10/- net	19/- net
<i>For white straw hats.</i>			
"PLANO"	3d.	12/- net	23/6
<i>For chapped hands and roughness of the skin.</i>			
"RAILOX"	3d.	12/- net	23/6
<i>Nit and Lice destroyer.</i>			
"RAILOX"	7½d.	5/3 per dozen	(Carr. paid).

DISCOUNT.—On orders of 20/-, 2½ %; £5, 5 %; £10, 7½ %.
SPECIAL OFFER.—13 to the dozen for CASH WITH ORDER.

"ONGARD" SAFETY PINS

(GUARANTEED RUST PROOF)

ARE THE BEST FOR
SURGICAL AND NURSERY PURPOSES.



SOLE MANUFACTURERS
GEORGE GOODMAN LTD.,
BIRMINGHAM.

ORION

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BRAND.

SACCHARINE

550 STRENGTH.

READY ON SPOT.

APPLY TO DIRECT SHIPPERS—

LINTON, HUBBARD & ANDREW, 72-75 Fenchurch St., London, E.C. 3

Telephone: 1892 Avenue.

A B C and Lieber's Codes.

Cables and Telegrams: "LINTEOLO LONDON."

We offer

WAXES

PETRO. JELLY

LIQUID PARAFFIN

B.P.

WHITE OILS

Send us your inquiries.

J. J. FRANCES & SONS,
LIMITED,

80a Southwark St., LONDON, S.E. 1.

MAGNUS, MABEE & REYNARD, Inc.

NEW YORK, U.S.A.

IMPORTERS—MANUFACTURERS—EXPORTERS
ESSENTIAL OILS, DRUGS & CHEMICALS.

We offer at advantageous prices—

LIQUID STYRAX

Cases 80 lb. each (not U.S.P.)

CHLOROPHYLL

Alcohol and Oil, Soluble.

HELIOTROPINE CRYSTALS

VANILLIN & COUMARIN

BALSAMS

COPAIBA—PERU—TOLU

An interesting and complete Catalogue
covering the Drug and Essential Oil
fields mailed on request.

SAVE 3/- PER GALLON
BY BUYING
GUARANTEED GENUINE
NEWFOUNDLAND NON-FREEZING
MEDICINAL COD LIVER OIL
OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

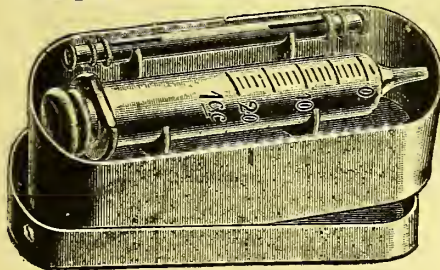
Telegraphic Address: "JOB LIVERPOOL"

Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F.

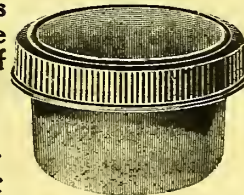
Established 1750.

We are making Lamp-blown Glassware, such as Ampoules, Hypodermic Tubes, &c., in England. Let us have your inquiries. You will find our prices competitive and



our deliveries smart. Besides we also have varied stocks of Glass Bottles.

Send us your inquiries and ask for our Stock List.



Sole Agents for the
"SOLIDITE"

Composition Corks, made in various sizes and colours. Samples and prices will be sent on application.

JULES LANG & SON, Charlton Works, Charlton Place, ISLINGTON, LONDON, N.1.

Telegrams: "Assorted, Nordo, London," Telephones: North 1344-5 (3 lines)

Sole Proprietor:
FERNAND RENÉ LANG.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK

FRAME FOOD

ON P.A.T.A. LIST.

SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.

Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley,
N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock; if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd.,
Cambridge Road, Bethnal Green, LONDON, E.

All advertising matter—Booklets, Window Displays
Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

The SOUCHETTE

SWEETENING TABLETS AND POWDER.

TABLETS.		POWDER.	
1/3 Packets ...	13/- doz.	9d. Boxes ...	7/6 doz.
2/- Boxes ...	20/- ..	1/3 ..	12/- ..
3/6 ..	34/- ..	5/- ..	48/- ..

TERMS—Cash with Order. 2½ % Discount.

 The only Tablets and Powder with an Analyst's guarantee of Purity and Harmlessness.

Trade Sales: 32 Gt. Tower Street, E.C. 3.

SOUCHETTE LTD., 27a Bush Lane, E.C. 4.

"TOWER" EARTHENWARE FILTERS

Sizes from 1 Gallon to 10 Gallons.

Specially suitable for

**ACIDS, ESSENCES,
AND
PHARMACEUTICAL
PREPARATIONS.**

**"FARJAK" ASBESTOS
FILTERING MEDIUMS**

for use with the above—Pure and Neutral.

**Filling, Corking, and
Capsuling Machines.**

FARROW & JACKSON, LTD.

ESTABLISHED 1798,

16 Great Tower St., LONDON, E.C. 3.

Recommend it for Convalescence



Doctors prescribe Turtle Soup in all cases where the patient cannot retain any other nutriment.

FREEMAN'S REAL TURTLE EXTRACT

is the real meat of selected West Indian Turtles, compressed into handy tablets; it provides all the delicacy and nourishment of soup made from fresh killed turtles, and is quickly prepared as it requires nothing but boiling water.

For hospitals, nursing and convalescent homes it can be strongly recommended as the best, safest and handiest invigorator obtainable.

The trade terms are particularly favourable, and particulars can be obtained by writing to

The Watford Mfg. Co. Ltd.
Delectoland, WATFORD

Freemans
FOOD PRODUCTS
Watford
S.A.A.

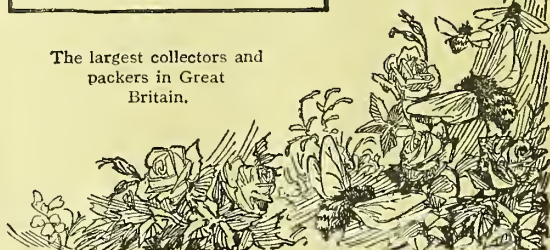
SPRING'S TABLE HONEY

**"Heather,"
"White Clover,"
&c.**

Specially refined and
packed for table use.

**SPRING & CO., LTD.
BRIGG LINCOLNSHIRE.**

The largest collectors and
packers in Great
Britain.



They sell briskly and pay well

C Chemists will find a ready sale for the under-mentioned products on offering them to military and civilian customers.

TRADE MARK **'VAPOROLE'** BRAND

Aromatic Ammonia

For use as "Smelling Salts"

Fragile glass capsules. Easily crushed to release the pungent, fragrant fumes. Most refreshing to officers and men in hot weather. Useful as a stimulant after gas attacks. Ideal for women during air raids.



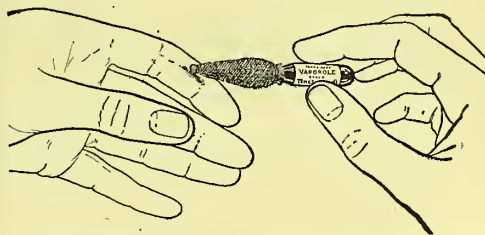
Boxes of 12, 18/0 per dozen boxes, subject

TRADE MARK **'VAPOROLE'** BRAND

Iodine Tincture

Emergency Antiseptic

Handy in the trenches and at home. Protects against septic poisoning of cuts, wounds, etc. Ideal for first-aid purposes.



Two sizes; min. 20, in boxes of 6, 18/0 per dozen boxes, and 1/2 fl. oz., for surgeons, 12/0 per dozen, subject

To Purify Drinking-Water

TRADE MARK **'TABLOID'** BRAND

Sodium Acid Sulphate

For Individuals

Safeguard against infected water. Two products to the soldier's bottleful of water.

Bottles of 50, 12/0 per dozen bottles, subject

TRADE MARK **'TABLOID'** BRAND

Water Steriliser

For Camps, Estates, Farms, Ships, etc.

For sterilising drinking-water in bulk quantities.

In cartons, 8/0 per dozen cartons, subject

For testing (if desired), 'Soloid' Potassium Iodide and Starch, 8/0 per dozen packages, subject



BURROUGHS WELLCOME & CO., LONDON

THE BRITISH DRUG HOUSES

LTD.

TRADE



MARK.

SODIUM SALICYLATE POWDER.

A pure white product, yielding a clear solution in distilled water. This salt is of the highest attainable degree of purity, and is guaranteed to comply with the tests of the 1914 edition of the BRITISH PHARMACOPŒIA.



Supplied in **1-lb.** Card Boxes,

with the comprehensive warranty of conformity with our specification of purity known as

"P.P.P."

(Pure for Pharmaceutical Purposes.)

22-30, Graham Street, City Road, LONDON, N. 1.



A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

SUBSCRIPTION RATES.

Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of *The Chemist and Druggist Diary* next published. Subscriptions may begin any month. Single Copy, 6d.; Summer or Winter Number, 1s.; *Diary* 3s. 6d. Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12s. 6d., franco.

Подписная цена на еженедельный журнал с приложением Годового Дневника—12 шиллингов 6 пенсов на год с пересылкой.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 12 ch. y 6 peniques, franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the

Head Office: 42 CANNON STREET, LONDON, E.C. 4.

Telegrams: "Chemicus. Cannon, London." Telephone 3617 Central (three lines).

Branches: MELBOURNE AND SYDNEY, AUST.

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, October 8.

Progressive Pharmacy Club, Arundel Hotel, Victoria Embankment, London, W.C., at 8.30 p.m. Mr. Hugo Wolf on "The Art of Salesmanship."

Ealing Pharmacists' Association, Buol's Restaurant, at 8.30 p.m. Mr. Herbert Skinner on "The N.H.I. Tariff—present and future."

Wednesday, October 9.

Manchester Pharmaceutical Association, Chess Club Room, 65 Market Street, at 3 p.m. Presentation of illuminated address to Mr. Harry Kemp. Mr. L. Moreton Parry (Chairman of the Benevolent Fund Committee) will explain the objects of the War Auxiliary Benevolent Fund.

Sheffield Pharmaceutical and Chemical Society, Literary and Philosophical Society's Rooms, Church Street, at 8 p.m. "Advertising the Chemist's Business," by Mr. S. W. Woolley, Editor of THE CHEMIST AND DRUGGIST.

Thursday, October 10.

North London Pharmacists' Association, *Progressive Pharmacy Club*, Arundel Hotel, Victoria Embankment, London, W.C., at 3 p.m. Mr. W. S. Glyn-Jones, M.P., Secretary and Registrar of the Pharmaceutical Society, will give an address.

North Staffordshire Chemists' Association, Town Hall, Stoke, at 3 p.m. Annual meeting.

European War News.

Import and Export Notices.

CANADA.—Additions to the list of prohibited imports (except under licence) have been made by Order in Council of July 13 and July 27. The list includes all acids, muriate of ammonia, all coal-tar distillates, fusel oil, citrate of lime, all salts of soda (except nitrate of soda), sumach (ground or unground), honey, lemon oil, all expressed vegetable oils from Europe only, perfumery, cosmetics and toilet-preparations, rennet, soap, vinegar, lime, talc and soapstone, borax, chloride of lime, cyanide of soda, lead, magnesite, paraffin, pumice, starch, argol or wine-lees, fullers' earth, synthetic indigo, liquorice-root, vanilla-beans, quebracho-wood, antimony, antimony ore, caffeine, castor-seed and castor oil, coconut oil, coyr, flax, flax-seed, iridium, monazite sand, optical glass, palm oil, platinum, shellac, calcium nitrate, soya-bean oil, tanning-materials, titanium, tungsten, vanadium, and wolframite.

FRANCE.—It is notified by the French Ministry of Finance, in the "Journal Officiel" (September 8), that the general derogation whereby pharmaceutical specialities, whether or not they contain one or more "export-prohibited" ingredients, may be exported freely from France to Allied and neutral countries, has been modified in so far as concerns pharmaceutical specialities with a base of salts of quinine. The export of such products can in future only be effected under special export sanction in each case.

UNITED KINGDOM.—Cassia lignea, pimento, spectacles and eye-glasses complete have been placed on the list of prohibited imports, except under licence.—A new Order in Council was made on October 2 prohibiting the export to all destinations in European and Asiatic Russia, and in other foreign countries in Europe and on the Mediterranean, except France and French possessions, Italy and Italian possessions, and Portugal, of all goods the export of which has not been dealt with by previous Proclamations. The only exceptions to the Order are (1) printed matter of all descriptions, and (2) personal effects accompanied by their owners.

Personalia.

DRIVER THOMAS BURTON, R.F.A., has been awarded the Croix de Guerre. Prior to enlistment he was with W. Blythe & Co., Ltd., manufacturing chemists, Church.

SERGEANT ALFRED P. MURRAY, Loyal North Lancashire Regiment, is reported wounded and "gassed." In civil life he was with Joseph Crosfield & Sons, Ltd., Warrington.

PRIVATE HAROLD D'ARCY, King's (Liverpool Regiment), has been posted as "missing." In civil life Private D'Arcy was with R. Sumner & Co., manufacturing chemists, Liverpool.

LIEUTENANT VIVIAN H. JENKIN, M.C., acting-adjutant of the East Yorkshire Regiment, has been promoted to the Brigade Staff as intelligence officer. Lieutenant Jenkin, who is the son of Mr. J. Jenkin, chemist and druggist, High Road, Wood Green, London, N., was the recipient of the Military Cross at a recent investiture.

PIONEER W. G. THOMAS, R.E., is in hospital in England suffering from extensive gas burns. His apprenticeship in pharmacy was served with Mr. B. R. Reynolds, chemist and druggist, Cardiff, with whom he afterwards remained as assistant. He joined the Army in May 1917, and was drafted to France in the following November.

Miscellaneous.

IMPORTED FLAX.—The Flax Control Board announce that by the Imported Flax (Dealings) Order, 1918, the purchase of British flax and tow not yet imported into the United Kingdom is prohibited. It is further provided that the purchase of any flax or tow not yet imported into the United Kingdom, except Dutch and Russian flax or tow, is permitted without permits in the case of all persons not being consumers of flax, and subject to permits in the case of consumers. The sale of such flax is prohibited except under permit.

PARAFFIN OIL CONTROLLED.—The Coal Controller has made an Order making it illegal to purchase paraffin in quantities over 2 or 3 gals. without a permit. Everyone selling paraffin shall take out a licence as a retailer, and every consumer shall register with a licensed retailer. The minimum of 2 or 3 gals. per week, without a permit, is allocated as being sufficient for a small house. Anyone wanting more than that quantity must obtain a permit from the local Fuel Overseer. Included in the Order is a definite prohibition against the use of paraffin for lighting in any room which is now fitted, or may be fitted, for the use of gas or electricity. There is a general prohibition against the use of paraffin for heating or cooking in any house using gas or electricity.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Contracts.

The following tenders have been accepted by the bodies named:

Blean Guardians.—Mr. A. Lander, Ph.C., Canterbury, drugs.

Boston Guardians.—Mr. T. B. J. Booker, chemist and druggist, quinine.

Holborn Guardians.—Idris & Co., Ltd., mineral waters.

Nantwich Guardians.—Russell & Andress, chemists, Crowe, drugs.

North Bierly Guardians.—Harrison, Parkinson & Co., chemists, drugs.

Wandsworth Guardians.—S. Maw, Son & Sons, Ltd., bottles and sundries; Thomas Hodgkinson, Prestons & King, drugs; Newton, Chambers & Co., Ltd., Izal.

Yarmouth Guardians.—Mr. T. J. Woodcock, chemist and druggist, drugs.

Birmingham.

Boys between sixteen and seventeen are a drug in the market, but there is a great cry for girls and young women at the different works of the city.

The lady pharmacists of Birmingham and district have made a stand against the employment of assistants with the Apothecaries' Hall qualification in pharmacies.

The new Education Act is soon to come into operation in Birmingham. Will the day-classes for young workers include classes for the girl- and boy-helper in the pharmacy?

Pharmacists who by their qualification are not required to serve on juries should go to the rate office and see that their names are expunged from the register, or they may find themselves called upon to serve.

The Birmingham Pharmaceutical Association held a Council-meeting last Tuesday, when business of a general character was brought forward and discussed. Preparation was made for the issue of the annual report.

Leeds.

The demand for "Spanish" by the younger generation, consequent upon the shortage of sweets, is astonishing.

The present sales of honey surprise men who have been in the business for years. There is a rumour that the commodity may be controlled.

The local educational authorities include in their winter session a class for the study of bacteriology. The class is specially arranged for pharmacists.

Quite a number of men connected with the drug-trade are doing their bit as special constables; now that winter is coming on their duties are no sinecure.

Vinegar is another "line" that is likely to be very scarce. There are still some men who have a reputation for a "chemists'" quality, but the sales have generally drifted into the grocers' hands.

Chemist-opticians are finding great difficulty in obtaining both lenses and frames. Japan is exporting lenses, but not in sufficient quantity to make any appreciable difference. The optical industry has been very much neglected here, and there is room for British-made goods.

The recent illness of a supposed old man residing in Leeds has revealed the fact that "he" is a woman. "He" is said to have worked in Leeds and Dewsbury as a chemist's assistant. "He was a heavy pipe-smoker," said his landlady, "and always behaved like a gentleman. He spoke several languages, and told me he was a widower, having married in America."

The Leeds Chemists' Association have issued their syllabus for the coming winter session. The list of speakers includes Mr. W. L. Currie (President of the Pharmaceutical Society), Mr. W. S. Glyn-Jones, M.P. (Secretary of the Society), Mr. S. W. Woolley (Editor of THE CHEMIST AND DRUGGIST), Mr. H. Skinner, Mr. F. Pilkington Sargeant, Mr. J. P. Gilmour (Editor of the "Pharmaceutical Journal"), and Mr. J. Keall.

Liverpool.

"—s Brand of Hams" was the burnt-in inscription on a packing-case which stood before a local pharmacist's counter recently, awaiting a leisureed hand for its opening. But it only contained druggists' sundries!

Mr. Max Muspratt, who is District Chairman of the Federation of British Industries and chairman of the

United Alkali Co., Ltd., conducted the Greek commercial delegates through the two Widnes works of his company during their recent visit. The Hon. W. Hulme Lever received the Mission at Port Sunlight. Among the guests invited to meet the delegates was Mr. Kenneth Evans (Evans Sons Lescher & Webb, Ltd.).

Mr. A. Lawrence, chemist and druggist, Great Charlotte Street, has recently taken his nephew, Mr. R. Lawrence, chemist and druggist, D.B.O.A., into partnership. Messrs. Lawrence have just completed extensive alterations to their pharmacy. The interior arrangements have been remodelled to give increased floor-space for customers. The shop-front has been rebuilt by Parnall & Sons, Manchester. The treatment of the entrance is exceptionally fine, with a mahogany door having a long oval plate-glass panel. Mr. A. Lawrence has been in Liverpool as manager and proprietor for a third of a century. Mr. R. Lawrence has seen three years' service with the Forces, and is now in possession of his full discharge.

Much indignation is being expressed at the publication by the "Yorkshire Post" of a letter charging Liverpool central-area chemists with supplying British, Colonial, and American soldiers with morphine, for which they were described as forming queues. The queues really consisted of civilians waiting for anti-influenza draughts. On October 1 the "Yorkshire Post" contained the following repudiation:

Sir,—Our attention has been called to a paragraph which appeared in your issue of the 26th inst. under the heading "Wounded Soldiers and the Drug Habit." There is an allusion to soldiers and sailors being supplied by chemists with morphia, and special attention is drawn to "four or five chemists" in the centre of the city of Liverpool. We may mention that all the chemists in the centre of the city have been interviewed to-day, and they all give a total denial to the libellous statement. Naturally this is a serious reflection on the pharmaceutical profession in this city, and we are at once getting into communication with the Pharmaceutical Society of Great Britain, which is the statutory body which has to deal with the enforcement of the Pharmacy and Poisons Act in this country.

(Signed) WM. P. EVANS, President,
DAVID H. EVANS, Secretary,
Liverpool Chemists' Association.

Royal Institution, Colquitt Street, Liverpool, Sept. 27, 1918.

The Editor of the "Yorkshire Post" appends a footnote explaining that the statement was made in a letter sent by Mr. J. Hartley Manners, of the Lotus Club, New York.

Nottingham.

The spell of cold, wet weather has caused a brisk demand for seasonable mixtures. Influenza of a mild type is becoming prevalent.

The current rumour that the controlled price of olive oil is likely to be 2s. 6d. a pint should, it is suggested, refer to a reputed pint of about 13 oz. However this may be, olive oil is being offered to the public in Nottingham at 4s. a pint, a price which, while higher than that in vogue in pre-war days, is cheap compared with the figures prevailing until lately here, and still ruling in many parts of the country.

For their first meeting, on October 16, the Nottingham Pharmaceutical Association have arranged for Mr. L. S. Sellé, President of the Hull Pharmacists' Association, to give a paper on "Chemists' Bookkeeping and Income-tax Returns." The opportunity is to be taken of bringing before the members the claims of the War Auxiliary Benevolent Fund, to which the members of the Notts County Association have agreed to subscribe.

Miscellaneous.

EARLY-CLOSING AGREEMENTS.—In order to save light and fuel, shops at Beccles will close at 5 p.m. during the coming winter.—Wisbech Traders' Association has adopted 6 p.m. as the hour of closing.

FIRE.—Early in the morning of October 1 a fire broke out in the confectionery factory of James Pascall, Ltd., Streatham Lane, Mitcham, resulting in damage to machinery in the cocoa-roasting department and the gas-engine rooms.

FACTORY FIRST-AID ASSOCIATION.—An adjourned meeting of surgical-dressing manufacturers and wholesalers was held last week at the Chamber of Commerce, London, at which Dr. Collis, of the Home Office, attended. There was a good attendance, and it was unanimously decided to form an Association. A Sub-Committee was appointed to prepare standard first-aid dressings for submission to the Association, and eventually to the Home Office for approval. The Hon. Secretary appointed is Mr. Maurice Smith, Ph.C., F.C.S., Fountain Lane, Oldbury, who will, on

request, furnish further particulars as to membership of the Association.

SALTERS' INSTITUTE.—The Salters' Company has issued a circular giving the outline of the Salters' Institute, now being founded to promote research in industrial chemistry, and to train students. An important part of the scheme is the foundation of Post-Graduate Fellowships. The new organisation will be called "The Salters' Institute of Industrial Chemistry," and for the present will be located at the Salters' Hall, St. Swithin's Lane, London, E.C. The first business will be the appointment of a Director, who must possess an exceptional knowledge of scientific and industrial chemistry. Among other things, the Director will make arrangements between manufacturers and students and universities for the investigation of any particular problems requiring research, and give practical advice and information to those who are, or intend to become, industrial chemists, and especially to men whose careers have been interrupted or affected by naval, military, or national service. The Salters' Company will establish two types of fellowships for which post-graduate students of any recognised university will be eligible. The two classes are (a) fellowships to enable post-graduate students to continue their studies at an approved university or other institution under the general supervision of the Director, (b) industrial fellowships to enable suitably equipped chemists to carry on research for any particular manufacturer, under an agreement which will be entered into between the Institute, the manufacturer, and the Fellow. Grants in aid may also be made to a certain number of persons who desire to improve themselves in the knowledge of their particular work by attending technical establishments or evening classes, at which they can obtain a better grasp of their subject. The Research Scholarship which the Company instituted at the Pharmaceutical Society's School of Pharmacy was withdrawn some time ago in preparation for the larger scheme. We presume that the claims of pharmacy will be considered in the new Institute.

IN THE COURTS.—At Westminster Police Court, London, on October 1, the Lancashire Aniline Colour Co., Ltd., and the British and French Chemical Manufacturing Co., Ltd., together with Mr. J. Gibson, managing director of both companies, were severally summoned, under the Export of Prohibited Goods Act, for making an export-licence return which was false in material particulars. Mr. Travers Humphreys, prosecuting, said that as the manufacture of synthetic dyes was one of the trades wrested from Germany—he hoped, never to return—the War Trade Department were very anxious to check accurately the exports of such goods. In the present instance there had been an application for a licence to export aniline oil when, in fact, there was no plant at the works capable of making the oil. Evidence having been given, Mr. Gibson was fined 50*l.*, with 5*l.* 5*s.* costs. On one of the company summonses costs were allowed.—In the Bow County Court, London, on October 2, Samuel Anderson, 26 Ellesmere Street, Poplar, E., claimed under the Workmen's Compensation Act an award against A. Boake, Roberts & Co., Ltd., manufacturing chemists, Seal Wharf, Stratford. It was stated that while the plaintiff was engaged in sinking a well at Seal Wharf on May 31 a wall fell on him, causing injuries. Compensation had been paid for five weeks. The defendants having failed to file an answer or to be represented in court, judgment was awarded for the plaintiff in the sum of 14*l.* 7*s.* 6*d.*—At Reading, on September 24, a Mrs. Goodwin was charged with stealing a tin of a proprietary food from a branch of Boots, Ltd. It was stated that the defendant walked out of the shop, after making her purchase, without offering payment, and admitted that she had no intention of paying. The Bench, however, dismissed the case.—At Leicester Police Court, on September 28, Maria Manchester, *alias* Edwards, was fined 1*l.* for drunkenness. It was stated that she consumed quantities of methylated spirit, and so far it had been impossible to find out where she obtained it.—At the Thames Police Court, London, on September 27, a Chinaman was ordered to pay 50*l.*, and 5*l.* 5*s.* costs, for harbouring opium and permitting his premises at Poplar to be used for opium-smoking.—At Maidstone, on September 24, Mr. Austin Hoare, chemist and druggist, manager to Mr. W. G. Wells, chemist and druggist, Lower Stone Street, was fined 6*s.* for failing to shade shop lights on September 11.—At West Bromwich Quarter Sessions, on September 27, Elsie Porter (16) was bound over for twelve months on pleading guilty to administering oxalic acid (in tea) to Mrs. Summerton, Becches Road, by whom she was employed.—At West Ham Police Court, on October 2, Ernest Bailey, motor driver, and William White, coffee-house keeper, were committed for trial on a charge of stealing and receiving respectively a bag of glucose, valued at 4*l.* 15*s.*, the property of Sugar and Malt Products, Ltd., Carpenter's Road, Stratford, London, E.

Irish News.

Brevities.

Mr. Thomas McMullan (Thomas McMullan & Co., wholesale druggists, Belfast), in his capacity as President of the Ulster Reform Club, entertained the overseas journalists to dinner on September 27 on the occasion of their visit to Belfast.

Mr. J. O'Connor, M.P.S.I., Medical Hall, Castleisland, who obtained the Gold Medal of the Pharmaceutical Society three years ago, has passed with honours in chemistry and physics the first University Medical examination of the National University of Ireland.

It is proposed to close Dublin shops generally, with the exception of the large drapery concerns, from 3.30 to 5.30 p.m., with a view to economising lighting, coal, etc. The proprietors of the chemists' establishments have suggested that this would impose an undue hardship on them, as the time named is the principal dispensing period of the day.

The Clerk informed the Dundalk Guardians that they had a lot of complaints about the delay in getting supplies from the present contractor. Dr. Teevan had been very badly off, and had been obliged to purchase articles at his own expense. Miss Reilly said Dr. Teevan's requisition had been sent off eight weeks ago. It was decided to write again to the contractors.

Boileau & Boyd, Ltd., drug-contractors, Dublin, have written to the Clonmel Guardians, in reply to a query whether they would continue to supply drugs at the old prices pending the issue of the new price-list by the Local Government Board, intimating that all items have advanced considerably in price since the last list was issued, and stating that the most convenient, fair, and equitable arrangement would be to let the existing list of prices remain in force for October on the undertaking that no abatement be made at settlement for this particular period.

A new form of skin-disease, attributable to the bites of a species of mosquito new to Ireland, has broken out in many parts of the country, writes an Irish correspondent. It attacks children and people of delicate skin, and it first makes its appearance in the form of pimples, and gradually develops into very ugly sores, which break out all over the face, neck, and head. A medical man assures our correspondent that it is not a dirt-disease but due to poison communicated by the mosquitoes. All the same, chemists are being asked for soothing skin-applications to combat the irritation.

At Belfast Police Court, on September 27, Thomas McMullan & Co., wholesale druggists, and Thomas McCaw, 52 Henry Street, were summoned for failing to affix weight-labels to canned meat. Mr. J. Graham, for defendants, said Messrs. McMullan received the meat in big cases, and sent to the retailer parcels of weight-labels to affix to the tins when the cases had been opened. In this case the retailer failed to affix the labels supplied. Police Inspector Atteridge (who prosecuted) said the labels supplied by Messrs. McMullan, showing "average weight 6 lb.," were no use. The exact weight must be declared. Messrs. McMullan were fined 10*s.*, and costs, and McCaw, against whom there was a previous conviction, 20*s.*, and costs.

Scottish News.

Brevities.

Perfumes of every description were never in so great demand in Scotland as to-day.

Autumn foliage is prominent in window and counter displays, and lends to them a picturesque touch.

New season's hot-water bottles show a considerable advance on the retail prices of a year ago; but the public cheerfully pay.

The cautious chemist of to-day never promises to procure an article by a definite date. "We shall do our best for you," is now the standard phrase.

It is reported that Colgate's dental cream is not now procurable in many towns. The small tube readily sells at 1*s.*, should anyone be fortunate enough to have old stock.

The "flu" has again become epidemic in Glasgow, and other winter ailments have made an early appearance; the prospect is that the chemist and druggist will be in increasing demand.

The Secretary for Scotland has made an Order under the Defence of the Realm Regulations continuing without varia-

tion the existing Order as to the early closing of shops in Scotland until further order.

A reaction has set in among many co-operators regarding many articles of a pharmaceutical nature sold in the "store." The increasing cost of medicinal preparations entails a heavy additional charge on the retail figure if dividends are to be paid. In other words, the chemist's prices are often lower than those of the stores; consequently a proportion of the business is drifting his way.

Dundee.

Mr. G. M. Kemp, referring to a paragraph in this column recently (*C. & D.*, September 21, p. 36), informs us that it is incorrect. He says that he knows nothing about the Rosyth scheme, nor do Boots, Ltd.

An unfortunate accident occurred on September 28 in the window of Mr. Henry Geake's shop in Whitehall Street, the contents, including two dozen vacuum flasks, being destroyed, and the plate-glass window broken. Loss of balance was the *causa causans*.

Finding packets of cough-lozenges disappearing from his counter without being paid for, a Dundee chemist made up a few parcels of garden gravel in a similar style, with cough-lozenge labels attached, and put them in the show-box. One has been taken, and the chemist smiles as he tells the old, old story.

Edinburgh.

There is a great scarcity of coppers locally. Bankers in some districts refuse to give more than 5s. worth at a time.

What a cosmopolitan language we shall have *après la guerre*! A vanman in the employ of a wholesale house characterised as "camouflage" the other day an inclusion of other empties with his own firm's. And a chemist overheard some little boys, playing with toy frames and negatives, order a comrade to keep his printing-frame out of the barrage, *i.e.*, the sunlight.

Even in Edinburgh there are quaint people in these days. There was a presumably wealthy munition-worker who did not fancy the suggestion that his ailing child might be aided by some Parrish's Syrup; he could not abide, he alleged, a name that had a Poor-Law-relief sound about it. Last week a gentleman presented a big bottle to a chemist. "Put half-a-dozen pick-me-ups in there," he said chattily; "I'm just going away for a holiday!"

Colonial and Foreign News.

GREEK ALCOHOL-INDUSTRY.—Efforts are being made in Greece to develop the industry of manufacturing alcohol from currants. In consequence of the lowering of the price of currants a new fixed price is expected for spirit.

"CONTROLLED" MEDICINES IN RUSSIA.—The Russian People's Commissioner for Health has forbidden the export from Moscow of all drugs and medical and surgical appliances without a special permit from the pharmaceutical department of the Commissariat.

SPANISH POISON-REGULATION.—The "Gaceta" publishes an edict regulating the sale of poisons, including opium, morphine, codeine, heroin, cocaine, antipyrine, ether, etc. Only persons vouched for by the College of Pharmacy may release such articles from the Custom House. Sale without a doctor's prescription is forbidden.

AUSTRIAN MINISTRY OF HEALTH.—There has been recently established in Austria a Ministry of Health. Among the spheres of activity assigned to the new Ministry are the supervision of the trade in drugs, including dietetic and cosmetic preparations, and the control, without prejudice to the Ministry for Commerce, of poisons and substances injurious to health.

PERDURABLE LINEN.—The Vienna "Zeit" reports that an engineer has invented a preparation, "Sneecin," which obviates the necessity of washing linen frequently. Collars and cuffs impregnated with sneecin can be worn six months "with perfect elegance" without laundry treatment. After wearing a collar for about fourteen days it is easily cleaned by sponging with cold water.

DANGER OF ZINC-FOIL.—The Dutch Central Health Committee has issued a warning against the use of zinc-foil (so-called silver) for wrapping chocolate, sweets, and similar articles. The practice has arisen from the lack of tin-foil. The use of paper free of fat is enjoined, in the interests of children particularly, who are most liable to be affected by the deposit of zinc oxide produced by the action of light on the foil.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

PERSONAL.—At the municipal elections in Durban, Mr. Fleming Johnstone, chemist and druggist, was again returned as a member of the Town Council.

BUSINESS CHANGE.—Mr. David Watt, having purchased the business of Mr. S. Boyd in Kokstad, has disposed of his pharmacy in Clarence Road, Durban, to Mr. J. Gellatly.

EXAMINATION RESULTS.—At the last Qualifying examination, held at Durban in July, four candidates presented themselves, and the following three were successful: Christopher Mellody, Meyer Sachs, and William Herbert.

Pharmaceutical Society of Cape Province.

A GENERAL MEETING was held in the Society's room, Darling Street, Cape Town, on June 20, when the following were present: Messrs. D. L. Petrie (President), C. F. Spruce, T. J. Hughes, J. Sowden, G. Smith-Houghton, Corrigan, Oxenham, W. J. Smith, H. Harries, J. Harpur, G. S. Burton, and Dr. Froembling. Mr. Petrie moved a resolution of sympathy with the family of the late Mr. James Moore; this was carried, all members upstanding. A letter was read from the Cape Peninsula Retail Chemists' Association in which they agreed to share the Society's headquarters. Mr. C. E. Gardner (late of Port Elizabeth) wrote tendering his resignation owing to his leaving the Province; this was accepted with regret. A letter was read from the Superintendent of Police with reference to the sale of Fellows' Syrup by certain Department Stores. It appears that the firm in question have discontinued the sale on their attention being drawn to the fact that it was illegal to do so, and have disposed of their stock to a registered chemist. Mr. W. J. Smith suggested that local industries such as soap-works, lozenge and tablet manufactories, etc., should be visited by members of the Society. After discussion it was left to Mr. Smith to take the matter in hand and arrange the visits. A long discussion was opened by the same member on "the alleged employment of unqualified dispensers in Government institutions." He instanced several large institutions where dispensing is done and no qualified chemist employed, and quoted Section 61 of the Medical and Pharmacy Act, which reads as follows:

No person shall hold any appointment as a physician, surgeon, or other medical officer, or as an apothecary or compounder of any medicines in any hospital, or in any lunatic asylum, convict station, house of correction, or other public establishment or institution, or to any friendly or other society for affording mutual relief in sickness, infirmity, or old age, or as a medical officer of health, unless he be licensed and registered under this Act as a medical practitioner, or as a chemist and druggist, as the case may be.

Messrs. Petrie, Smith-Houghton, Hill, Harries, Oxenham, and others spoke. Finally Mr. Smith proposed and Mr. Hill seconded that the Secretary be instructed to write to the Minister of the Interior and the Minister of Justice calling their attention to the matter. Messrs. A. Dowling and J. Harpur were elected members.

Military Tribunals' Decisions.

SINCE OUR LAST REPORT the following decisions have been notified:

CARLISLE.—The National Service Representative's appeal against the exemption of J. E. Alcock, a warehouseman in the agricultural department of T. Ridley & Son, chemists, where, it was stated, from 1,000 to 1,500 gals. of sheep-dip were made annually, was dismissed.

CHESTERFIELD.—Mr. S. C. Greaves, chemist and druggist (Greaves & Son), and Mr. F. Elliott, chemist and druggist, branch manager to this firm, were exempted to March 31, 1919.

GRAVESEND.—Mr. F. R. Fowler, chemist and druggist, was conditionally exempted for three months.

KENDAL.—Messrs. J. Irvin, T. B. Jackson, R. C. Robinson, and G. Vogt, chemists and druggists, were exempted to March 15, 1919.

PENZANCE.—Mr. H. Peasgood, chemist and druggist, branch manager to Mr. J. B. Martin, chemist and druggist, was exempted for three months, his previous certificate having been withdrawn.

PONTEFRAC.—Mr. A. L. Bratloy, chemist and druggist, was temporarily exempted for six months.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Bournemouth.—At the meeting of the Insurance Committee on September 23, it was reported that the total receipts for 1917 were 12,722*l.* 15*s.* 11*d.*, and at the close there remained a balance in hand of 1,998*l.* 17*s.* 5*d.* Payments under the Drug Fund for the year amounted to 1,609*l.* 6*s.* 2*d.* It was decided that the August and September accounts be paid as soon as the figures are received from the Pricing Bureau. A letter was received from the Panel Committee stating that they had examined the prescriptions for 1917 chosen for investigation in accordance with Article 9 of the Medical Benefit Regulations, 1916, and had decided that in no case did there exist any reason for making a recommendation for surcharge. Correspondence with the South-Western Joint Pricing Committee and Panel Committee with regard to the re-assessment of drug-prices under Article 5 of the Medical Benefit Regulations, 1916, was read. The Committee noted that the Panel Committee are willing to accept the ratios obtained as regards the first month of the current year as applying to the year.

Brighton.—The report of the Branch Sub-Committee of the Medical Benefit Sub-Committee states that, in agreement with the National Service Representative, it has been decided that no dispenser in the area can be unconditionally released, but that two men may be released for military service—in one case, on condition that arrangements are made so that the shop in which he is at present engaged shall be kept open, and, in the other case, provided that after medical re-examination the man is classed in a higher grade than that of his present category.

Herts.—The Insurance Committee met on September 21, when Mr. E. H. Fisher, Ph.C., St. Albans, applied to have his name removed from the chemists' panel. He stated that it is impossible for him to complete his contract, as the Committee had released for military service his brother, who formerly assisted him, and his branch manager had broken down under the additional labour thus placed upon him. As there are four other panel chemists in the city, the application was granted.

Lancashire.—At the last meeting of the Insurance Committee it was reported that the registration department is in a very unsatisfactory condition, and that in this matter the Committee "has an unenviable reputation" at Buckingham Gate. The Finance Sub-Committee, however, hope for an early improvement.

Leicestershire.—At the meeting of the Insurance Committee on October 2, the Medical Benefit Sub-Committee reported that thirty-seven chemists are to be retained in the area and twenty released for military service if required. The average cost per prescription for 1916 was 5*sd.* and the average cost per person 16*sd.* The ratios which the "new" Tariff prices bear to Article 5 prices were found to be: for 1916, 86.63; for 1917, 89.89.

London.—At the meeting of the Insurance Committee on September 26 (see *C. & D.*, September 28, p. 46), some discussion took place on the recommendation of the Medical Benefit Sub-Committee to surcharge a doctor 1*l.* 3*s.* on account of excessive prescribing. In 204 prescriptions the doctor had ordered glycerin. 3*j.* with mist. chlorof. eo., B.P.C., thus entailing the expenditure of the sum stated. As the Sub-Committee was advised that the glycerin in these prescriptions was used only as a flavouring agent, and was of no therapeutic value, the report advised the deduction from the practitioner's account of the amount in question. Dr. C. H. Pring proposed that no action be taken in the matter, but was defeated, and the recommendation was adopted.

Middlesex.—At the meeting of the Middlesex Pharmaceutical Committee, held on September 25, Mr. Herbert Skinner in the chair, it was reported that the June scripts numbered 66,915, at an average cost of 8*sd.*, and the prescriptions 77,496, at an average cost of 7*sd.* The July scripts numbered 95,535, at an average cost of 7*sd.*, and the prescriptions 107,254, at an average cost of 6*sd.* Pricing of the prescriptions was extremely accurate. Statistics for the first half of the year showed that the average cost per prescription had been 6*sd.*, and the average dispensing-fee 3*sd.*; the margin or gross profit showed a reduction of 1*sd.* per cent. as compared with that for the corresponding period of 1917. It was further shown that, while the average cost per insured person had been

1*s.* 10*d.* for the year 1915, it had dropped to less than 1*s.* 4*d.* for 1916 and to 1*s.* 3*d.* for 1917; for the first half of the current year it had been less than 9*d.* After a prolonged discussion on the terms of service for next year, it was unanimously resolved to ask that chemists on the panel should receive a clear 6*d.* per script over and above the cost of drugs, etc., supplied, and that such safeguards should be provided as would prevent unfair overloading of scripts with prescriptions. Chemists in difficulty about military service were advised to communicate promptly with the Secretary, Mr. Hugo Wolff. The annual report is ready for publication, and will shortly be issued.

Sheffield.—The Insurance Committee met on October 2, when it was resolved—"That the Prescription Pricing Bureau be requested to check accounts which have been examined by the Central Checking Bureau in which it is alleged that errors amounting to 1*s.* or over have been made, and that in the event of such errors being found to exist the accounts of the chemists in question be adjusted, according to the request of the Pharmaceutical Committee." The disallowance of capsicum-wool by the Pricing Bureau was confirmed. The ratio between the dispensing-fees as calculated in accordance with the 1918 Tariff and the Article 5 Tariff respectively, after taking into account the additional allowance of 0*sd.* 4*d.* per prescription, is practically identical with that adopted for 1917. It was reported that the whole of the "floating sixpence" for the year 1917 will be paid to the doctors, while the chemists have been paid in full and a sum of over 1,250*l.* is carried to the credit of the 1918 Drug Fund. The following payments were ordered: To chemists, 952*l.* 5*s.* 4*d.* for the month; to practitioners, 154*l.* 5*s.* 11*d.* for emergency dispensing and dressings for 1917, and 107*l.* 0*s.* 6*d.* for dispensing for 1917 at capitation rates. It was resolved to ask the Government to introduce a Bill immediately for the establishment of a Ministry of Health, separate from any existing Government Department, responsible to Parliament.

Smethwick.—The Insurance Committee met on October 1, when the Finance Committee reported that since the last meeting payments had been made to chemists of 386*l.* 18*s.* 3*d.* on account of June, July, and August.

Southport.—At the meeting of the Insurance Committee on September 24, payment was ordered of chemists' accounts for July and August, amounting to 108*l.* 15*s.*

West Midlands.—The number of scripts received by the Pricing Office for July (the period of the influenza epidemic) was 284,155, as compared with 137,637 for the corresponding month in 1917, an increase of more than 100 per cent.; but the work was completed within the usual period, and the constituent Committees were able to make payment by the requisite date.

Yorks (North Riding).—At a meeting of the Finance Sub-Committee last week, Mr. T. H. Jones, the Chairman, stated that the number of chemists on the panel was 320. The payment for drugs in one year was 42,000*l.*, and the number of prescriptions dispensed was a million and a half. The total number of persons on the register in June last was 531,246. The average cost per insured person was 1*s.* 9*d.*

SCOTLAND.

September Drug-prices.

The September Appendix to the Scottish Drug Tariff shows that thirty-one drug-prices have been altered, twenty-five being increases; and six decreases, while thirteen appliances are advanced in price. The alterations are shown in the appended list:

Name.	oz.	dr.	Name.	oz.	dr.
	s. d.	s. d.		s. d.	s. d.
Acid. carbol. ...	0 3½	0 0½	Pepsinum...	5 7½	0 10
Ammon. benz. ...	3 9	0 6½	Phenacetinum ...	2 10	0 5
Ammon. chlor. ...	0 2	0 0½	Phenolphthalein...	6 4	0 11
Chlor. hydr. ...	2 4	0 4	Plumbi acet. ...	0 4	0 1
Conf. sulph. ...	0 3½	0 0½	Pot. bicarb. ...	0 3	0 1
Cresosol carb. ...	10 0½	1 5½	Pot. brom. ...	0 11½	0 2
Cresosotum ...	3 6	0 6	Sod. brom. ...	0 7½	0 1
Dec. sars. co. conc.	0 10	0 10½	Theobrom. sod. sal.	5 4½	0 9
Ergotin, B.P. '98	5 11½	0 1½	Appliances. —Unmedicated gauze		
Ext. cas. sag. liq. ...	0 4½	0 1	6 yds., 36 in. wide, weight not less		
" " sic. ...	1 7	0 3	than 2 oz., 2s. 2d. roll. Un-		
" ergot. ...	—	0 9½	medicated lint, 1 oz. 7½d., 2 oz.		
" ergot. liq. ...	1 10½	0 1½	1 <i>s.</i> 1½d., 4 oz. 2 <i>s.</i> 2d.; 8 oz. 3 <i>s.</i> 8d.,		
" glycyrrh. liq. ...	0 6	0 1	1 lb., 7 <i>s.</i> 4d. Boric lint, not less		
Ferr. et quin. cit. ...	2 8½	0 5	than 4 <i>s.</i> per cent. and not more		
Liq. pancreat. ...	0 5	0 1	than 50 per cent. pure boric acid		
Mag. pond. ...	0 6½	0 1	2 oz. 9d., 4 oz. 1 <i>s.</i> 5d. Sal alem-		
Menthol ...	2 3	0 4	broth lint, 9 <i>s.</i> 4d. lb., 8d. oz.		
Methyl sulphonal	11 11	1 2½	Cotton-wool, interwoven, in		
Ol. anisi ...	0 10	0 1½	pkts., 2 oz. 9d., 4 oz. 1 <i>s.</i> 4½d.		
" cajuputi ...	1 8	0 3	Ice-bags, rubber, helmet-shape,		
" caryoph. ...	3 6	0 6	12 <i>s.</i> ; check circular, 8-in. diam.,		
" olive ...	0 4	0 1	2 <i>s.</i> 8d. each.		

Associations' Winter Session.

Aberdare.—The annual meeting of the Aberdare Valley Pharmacists' Association was held at Miles's Restaurant, Aberdare, on October 1, the President, Mr. A. M. Jones (Penrhiwceiber), in the chair. The balance-sheet for the year, which showed a substantial balance in hand, was submitted by the Secretary and adopted. Advantage was taken of this meeting to present Mr. T. H. Davies, Hon. Secretary, with a cheque on the occasion of his marriage. The President, in presenting the cheque, spoke highly of Mr. Davies's services and of his unflinching courtesy at all times. Congratulatory speeches were also delivered by Messrs. Reynolds and Rees (Mountain Ash), Reynolds (Hirwain), Thomas (Aberaman), and others, after which Mr. Davies expressed his appreciation. A resolution was passed strongly supporting the action of the Proprietary Articles Trade Association in the Elliman embroglio. It was decided that the Secretary should forward the Association's quota of subscription to the South Wales Federation of Pharmaceutical Associations.

Bournemouth.—A meeting of the Bournemouth Pharmaceutical Association was held at Gervis Hall on September 27, Mr. Thomas Boyle (President) in the chair. A vote of condolence was passed with Mr. Edwin Worth on the loss of his son Leslie, who died from illness contracted on active service. Resolutions were carried that the winter closing-hour should be 7 p.m., that the sale of Elliman's embrocation should be discontinued until further notice, and that copies of prescriptions should not be given to customers except on the written request of the medical practitioner in attendance. A discussion on the organisation of the Pharmaceutical Society was deferred until the next meeting, when Mr. Bilson promised to open a discussion. The appeal on behalf of the War Auxiliary Benevolent Fund issued by the Pharmaceutical Society and Mr. Moreton Parry's letter were read and well received, a resolution being passed that the members be asked to subscribe a sum of 5*l.* 5*s.* or over per head, which was immediately responded to by the sum of eighty guineas being promised in the room.

Chesterfield.—The annual meeting of the Chesterfield and District Pharmacists' Association was held on September 24 at the Falcon Café, Mr. H. Smith presiding. The Hon. Secretary (Mr. J. H. Toplis) read his report, which was adopted, Mr. Toplis being thanked for his work during the year. The Treasurer's report was also adopted, and from the balance in hand two guineas was voted to the Benevolent Fund. The chair was then taken by the new President, Mr. S. C. Greaves, and the other officers were elected as follows: *Vice-President*, Mr. J. H. Wilbourn; *Hon. Secretary*, Mr. J. H. Toplis; *Treasurer*, Mr. S. C. Greaves. The Auditors were re-elected, as was also the Committee, to which was added Mr. G. D. Denwood. Owing to the rationing of light and fuel it was decided to close at six o'clock during the winter months, and that the members take weekly turns in keeping open until seven o'clock for insurance dispensing and urgent medicines. The meeting fully endorsed Mr. Glyn-Jones's letter, and unanimously decided to remove all Elliman's goods from stock and discontinue their sale until further notice.

Liverpool.—The sixty-ninth session was inaugurated at a social gathering of members and lady friends held on September 25 at the Royal Institution. A primary object was the introduction of the War Auxiliary Benevolent Fund. Mr. William P. Evans (Evans Sons Lescher & Webb) cordially received the guests as President, and Mr. L. Moreton Parry (Chairman of the Benevolent Committee of the Pharmaceutical Council) outlined the genesis and objects of the Fund, and made an eloquent appeal for support of the movement. The President supported the appeal, and Mr. W. H. Saunders (Ayrton, Saunders & Co.) also pleaded earnestly on behalf of the Fund. It was agreed to receive promises of subscriptions with which to head a circular to be sent by Mr. Parry to each member of the trade. The President announced that the next meeting would be held on October 16, when a discussion was to take place on the new organisation scheme of the Pharmaceutical Society. On a date yet open Miss Buchanan, a new member of the Pharmaceutical Council, would speak on individualism *v.* collectivism. Another evening was to be devoted to a series of short papers after the fashion of a successful experiment last session. The rest of the evening was spent in a *conversazione*, varied by a musical and elocutionary programme admirably contributed by Mr. H. Maddox, Mr. A. L. Rogers, Mmc. Rayner, Miss Crossthwaite, Miss Gardner, Miss Cissie Jones, and efficient accompanists.

London (S.E.).—At a Council-meeting of the South-East London Chemists' Association, held on September 24 (Mr. W. C. Sayers in the chair), the following officers were elected for the ensuing year: *President*, Mr. E. G. Price; *Vice-Presidents*, Messrs. C. Hoppold, C. H. Siddle, W. C. Sayers, and A. J. Wing; *Treasurer*, Mr. W. Ralph; *Secretary*, Mr. J. Milner; *Financial Secretary*, Mr. W. T. Tucker; *Auditor*, Mr. W. A. Elkington. A hearty vote of thanks was accorded to Mr. A. J. Wing, the retiring President, who during three years of continuous presidency had not missed a single meeting, either Council or general.

Middlesex.—At a meeting of the County Association, held on September 25, Mr. Herbert Skinner (President) in the chair, the proceedings of the Middlesex Pharmaceutical Committee were reported and approved, and various matters of trade interest were discussed. It was agreed that money subscribed to the Face-Value Committee should be added to the Pharmaceutical Benevolent Fund. The question of Elliman's embrocation was left to the District Associations for consideration.

Personalities.

MR. THOMAS CARTER, chemist and druggist, South Shore, Blackpool, presided at the annual meeting of the Blackpool Tradesmen's Mutual Plate Glass Assurance Society, Ltd., on September 27.

MISS TURVER, daughter of Mr. C. H. Turver, chemist and druggist, Abingdon Street, Blackpool, has lately had the unfortunate experience of being knocked down by a tramcar and bruised. The lifeguard came into action, and prevented more serious injuries.

MR. ALBERT FRY, formerly in business as a chemist and druggist at Fore Street, Taunton, has been invalided out of the Army, and is proceeding to British Guiana to take up an appointment. While on active service Mr. Fry was awarded the Military Medal and the Distinguished Conduct Medal. At a special meeting of the Taunton Corporation, held on October 1, he was presented with an illuminated address in appreciation of his gallant conduct.

MR. HUGO WOLFF devotes the September issue of "Square Topics" to a statement of his scheme for federating pharmacy. It was understood that we were to have from Mr. Wolff's pen a *résumé* of the evidence upon which the report of the Pharmaceutical Society's Organisation Committee was founded, but this report receives scant mention. Mr. Wolff gives a good explanation of his scheme, and chemists will be enabled to judge of the merits of both the scheme and the foundation upon which it is built.

CHEMISTS will note with interest that Mr. C. H. E. Chubb, whose gift of Stonehenge to the nation has met with universal appreciation, is intimately associated with the development of the chemistry of the colloids, and as chairman of Crookes Colloids, Ltd., he is actively engaged in the production of colloidal drugs. He is proprietor of the largest private asylum in the country, and has ample scope for application of his proficiency in science and physiology, which figured prominently in the double honours he attained at Cambridge.

MISS HOPE CONSTANCE MONICA WINCH, Ph.C., the winner of this year's Pereira Medal, was educated at the Clergy Daughters' School, Casterton, Kirkby Lonsdale. After a year's training in pharmacy, Miss Winch accepted an engagement as dispenser; this she relinquished in October 1916, in order to take up further studies at the "Square" School of Pharmacy. During her preparation for the Qualifying examination, which was passed in June 1917, she gained a medal in botany and certificates in chemistry and materia medica, and also won the Hewlett Exhibition. In the Major course she was awarded medals in botany and materia medica and first certificates in practical and theoretical chemistry. The Major examination was passed last April, and at the present time Miss Winch is the holder of a Redwood Scholarship in the Pharmaceutical Society's research laboratories.



Miss H. C. M. WINCH, Ph.C.

Birth.

FAULL.—At Parow, Cape Town, on August 4, the wife of C. A. Faull, chemist and druggist, of a son.

Marriages.

GRIFFITH—WILLIAMS.—At Graig C. M. Chapel, Abersoch, on September 18, by the Rev. D. Ffoulkes Roberts, assisted by the Rev. H. D. Lloyd, Robert William Griffith, chemist and druggist, to Annie, eldest daughter of Alderman Abel Williams, Abersoch.

MACAULEY—MAITLAND.—By special licence, at the residence of the bride's parents, on September 17, by the Rev. R. Scott, assisted by the Rev. S. English, John Macauley, Ph.C., Irish Street, Downpatrick, to Isabella, third daughter of Mr. G. Maitland, J.P., Murlough, Dundrum.

Deaths.

COUSENS.—At 109 Alfreton Road, Nottingham, on September 28, suddenly, Mr. John Stather Cousens, chemist and druggist, aged sixty-five. Mr. Cousens, who had been in failing health for some time, died in the shop of Mr. Walter Burton, Ph.C., where he was acting as *locum tenens*.

GATHERGOOD.—At 11 Earlsthorpe Road, Sydenham, London, S.E., on September 26, Adelaide, widow of the late B. W. Gathergood, M.D., Aylmer Hall, Tilney St. Lawrence. Dr. Gathergood, who died in 1909, was the proprietor of a well-known herb-farm.

HICKES.—At the Manchester Royal Infirmary, on September 22, Mr. Henry John Hickes, chemist and druggist, aged fifty-eight.

MASON.—At 14 St. Bernards Row, Edinburgh, on September 24, Mr. David Mason, chemist and druggist. Mr. Mason passed the Qualifying examination in 1890.

MUMFORD.—At Gillingham, Dorset, on September 26, Mr. Alfred Mumford, Ph.C., aged eighty-five. Mr. Mumford, who was born at Woodford Halse, was apprenticed in 1847 to the late Mr. Taylor, Westbury, Wilts. After serving the then customary period of seven years, he gained further experience at Weston-super-Mare and Leicester. In October 1865 he passed the Major examination, and in the following year won the Pereira Medal, thus establishing a record as the first student outside the "Square" School to gain this distinction. Mr. Mumford was associated with the firm of Randall & Son, Southampton, for thirty-eight years, first as assistant, then as manager, and eventually as junior partner. In 1895, when the business was



MR. A. MUMFORD, PH.C.

turned into a limited company, he withdrew and purchased a business at Emsworth, which he conducted for ten years. On his retirement he went to live at Farnham, Surrey, finally moving to Gillingham, Dorset, where his son is headmaster of the Grammar School. He passed away as peacefully as he had lived. His wife, whom he married in 1869, was the daughter of the late Mr. Thomas Hill, pharmacist, Richmond, Surrey.

ROEBOTTOM.—At Liverpool, on September 23, Mr. W. Roebottom, aged twenty-seven. Mr. Roebottom was on the clerical staff of R. Sumner & Co., Ltd., manufacturing chemists, Hanover Street, and had returned to this occupation after serving in the Army.

Died on Service.

BOWERS.—Private J. Bowers is reported killed in action on August 14. In civil life Private Bowers was with Dakin Bros., Ltd., manufacturing and export chemists, Middlesex Street, London, E. 1.

CARMICHAEL.—Company Sergeant-Major J. A. Carmichael King's (Liverpool Regiment), is reported killed on service. Sergeant-Major Carmichael, who in civil life was with Tennants (Lancashire), Ltd., manufacturing chemists, Booth Street, Manchester, was posted as "missing" a year ago.

CORRIN.—Seaman Claud Elwyn Corrin, chemist and druggist, was killed in action on August 25. Mr. Corrin, who was a native of Port St. Mary, passed the Qualifying examination in March 1915. Till he enlisted in the Navy in 1917 he was a branch manager for Duberly & White, chemists, Luton, seven members of whose staff have joined the Forces.

DEMPSTER.—Private Andrew Dempster, R.A.M.C., has died in hospital in East Africa, aged twenty-three. Prior to enlistment, Private Dempster was apprenticed to Mr. J. Ferrier, chemist and druggist, Grangemouth.

FORSTER.—Private F. Forster, East Lancashire Regiment, has been killed in action. In civil life Private Forster was with Joseph Crosfield & Sons, Ltd., Warrington.

HODDER.—Lance-Corporal G. J. Hodder, Northamptonshire Regiment, has died of wounds received on service. Prior to September 1917, when he joined the Army, Lance-Corporal Hodder had been with Mr. Edward A. Pratt, the Broad Green Pharmacy, London Road, West Croydon, for upwards of six years.

LYTLE.—Sergeant Thomas F. Lytle, D.C.M., R.A.M.C., died at the Western Front, of gas-poisoning, on September 20. Sergeant Lytle, who was a son of Mr. William Lytle, North Queen Street, Belfast, served his apprenticeship in that city with C. & J. Montgomery, chemists, and afterwards went out to Johannesburg, returning on the outbreak of war in order to enlist. He leaves a widow and two children.

MCVITIE.—Corporal John Mark Greggams McVitie, London Regiment, was killed in action on August 30, aged eighteen. Corporal McVitie, who was the elder son of Mr. D. W. McVitie, chemist and druggist, Maryport, was, till he joined the Forces, an apprentice to his father, and in that capacity showed unusual promise. Second-Lieutenant P. R. Murraille writes: "He was a brave and fearless N.C.O., and his loss was felt very much by his comrades and his platoon officer, by whom he was very much liked."

PRESTON.—Private Marcus Preston, Durham Light Infantry, died in hospital in France, from wounds received in action, on September 12, aged eighteen. Private Preston was the youngest son of Mr. Job Preston, Sheffield.

TAYLOR.—Private William Taylor is officially reported killed in action, aged eighteen. Prior to joining the Army Private Taylor was an apprentice to Mr. J. J. Phillips, chemist and druggist, Stockport Road, Ashton-under-Lyne.

WOOD.—Lance-Corporal Cecil Wood, Lancashire Fusiliers, is reported killed on service. Lance-Corporal Wood joined the Forces in September 1916 from the staff of Raimes & Co., York. He was reported missing on October 22, 1917.

Corner for Students.

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 42 Cannon Street, London, E.C. 4."

QUALITATIVE ANALYSIS FOR JUNIOR STUDENTS.

A MIXTURE of not more than three salts will form the subject of the next exercise in qualitative analysis. The mixture will comprise acids and inorganic bases occurring in the British Pharmacopœia, and is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a stamped and addressed envelope, marked "Corner for Students" on the top left-hand corner) will be received up to Tuesday, October 8, on which day the samples will be posted.

Students' reports will be received up to Saturday, October 19. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

SPECIAL NOTICE.—The prizes in this series of analyses will be awarded only to apprentices or assistants who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, which fact must be attested on their reports. Others may obtain specimens of the mixture of salts, and their reports will be separately adjudicated, but they will be regarded as *hors concours*. Correspondents who do not state that they are preparing for a qualifying examination will be included in the latter list.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

WILLIAMS, CONWAY & Co., LTD. (P.C.).—Capital 1,000*l*. Objects: To take over the business of chemical, dye and colour manufacturers carried on by W. G. Conway at 66 Fenchurch Street, E.C., as "G. Williams & Co."

TAYLORS' DRUG CO., LTD.—The dividend on the 6 per cent. preference shares, due October 1, was paid on September 30.

EVANS SONS LESCHER & WEBB, LTD.—Warrants for the dividends on the 5 per cent. first cumulative preference shares, due on October 1, were posted on September 30.

INDO-BURMA CO., LTD., Export Drug-merchants, Wool Exchange, London, E.C. 2.—In pursuance of Section 188 of the Companies (Consolidation) Act, 1908, a meeting of the creditors in this matter was held on September 30 at the Institute of Chartered Accountants, Moorgate Place, Moorgate Street, London, when Mr. Wilson, of Dixon, Wilson, Tubbs & Co., 24 Basinghall Street, E.C. 2, the liquidator of the company presided. The statement of affairs showed liabilities amounting to 4,930*l*. 16*s*. 4*d*., of which 3,266*l*. 3*s*. 2*d*. was due to unsecured creditors, the balance being in respect of a claim by the National Bank of India, Ltd. There was also a contingent liability in respect of the National Bank of India, Ltd., for 3,265*l*. on account of documentary bills outstanding, including interest accrued to date. The assets were estimated to produce 3,984*l*. 3*s*. 10*d*., the estate disclosing an estimated deficiency of 946*l*. 12*s*. 6*d*. before allowing for the costs of realisation. The Chairman stated that although the claim against Mr. de Souza for 1,571*l*. 11*s*. 8*d*. was not at the moment regarded as an asset that would come in, it was believed that his father, Dr. de Souza, who had guaranteed the bank overdraft in India, and who was a very wealthy man, would assist his son in the payment of this money, and that in that event the claim would be entirely realised. The company was incorporated on December 8, 1909, with a nominal capital of 900*l*., which had been fully subscribed. The last audited accounts which had been received covered the year ended December 31, 1916, and these accounts showed that the company had incurred a loss of 372*l*. The Secretary of the company, who was present, also made a statement to the meeting, in which he described the financial management of the company in the past, and stated that the methods of conducting the business from the financial point of view had really led to the present position. The chairman stated that there were undoubtedly assets of a considerable value in India, and it would be prudent for the creditors to have someone there to watch their interests, and in view of this he had been in negotiation with W. B. Peat & Co., accountants, whose representative in India would undertake to make the necessary investigations. This view of the matter was confirmed by the creditors present, who passed a resolution agreeing to continue Mr. Wilson as liquidator, a Committee of Inspection being appointed consisting of the United Alkali, Ltd., Saltrates, Ltd., and Mr. P. S. Booth, representing the Association of Manufacturing Chemists. The following are creditors: Arnold & Sons, Ltd., 18*l*.; Allen, Stafford & Sons, Ltd., 137*l*.; Anglo-French Drug Co., Ltd., 18*l*.; Anzora Perfumery Co., 48*l*.; Burroughs Wellcome & Co., 17*l*.; Beetham, M., & Son, 12*l*.; The British Drug Houses, Ltd., 13*l*.; Berton, Arthur, Ltd., 24*l*.; Burt, Boulton & Haywood, Ltd., 61*l*.; Cox, Arthur H., & Co., Ltd., 126*l*.; Coleman & Co., Ltd., 10*l*.; "Domen" Belts Co., Ltd., 17*l*.; Evans Sons Lescher & Webb, Ltd., 15*l*.; Edge, Wm., & Sons, Ltd., 10*l*.; Eno, J. C., Ltd., 327*l*.; Esculent Compounds, Ltd., 77*l*.; Guyot-Guenin & Son, 10*l*.; Get Freres, 36*l*.; Gordon, H., Ltd., 35*l*.; Gimber, W., & Son, 14*l*.; Graesser, R., Ltd., 106*l*.; Hoffmann-La Roche, Ltd., 15*l*.; Hewlett, C. J., & Sons, 14*l*.; Horner & Sons, 13*l*.; Hatrick, James, & Co., Ltd., 11*l*.; Ingram & Royle, Ltd., 15*l*.; Kirkby, H. & T., & Co., Ltd., 88*l*.; Keene Co., 20*l*.; Kent, G. B., & Sons, Ltd., 14*l*.; Lincoln and Midland Counties Drug Co., 29*l*.; May, Roberts & Co., Ltd., 11*l*.; Odol Chemical Works, 20*l*.; Osborne, Garrett & Co., Ltd., 16*l*.; Oatine Co., 66*l*.; Oppenheimer, Son & Co., Ltd., 10*l*.; Pomeroy, Ltd., Mrs., 12*l*.; Parfumerie, L. T. Piver, 8*l*.; Pierre, Dr., heritiers du, 40*l*.; Poths, H., & Co., 30*l*.; Quelch, Henry C., & Co., 8*l*.; Rendell, W. J., 9*l*.; Roger & Gallet, 19*l*.; Reid, E. J., & Co., 8*l*.; Reuter, R. J., 12*l*.; Ransom, William, & Son, Ltd., 42*l*.; Schutze, F., & Co., 13*l*.; Southall Bros. & Barclay, Ltd., 14*l*.; Townsend, James, & Sons, 44*l*.; United Alkali Co., Ltd., 68*l*.; Veno Drug Co., Ltd., 13*l*.; Wilcox, Jozeau & Co., 48*l*.; Woodward, Wm., Ltd., 29*l*.; Yardley & Co., Ltd., 23*l*.

Trade Notes.

LYSOLINE HAIR-TONIC.—Lysol, Ltd., Stratford, London, E. 15, advertised this new hair-tonic in *THE CHEMIST AND DRUGGIST* last week, but owing to a misunderstanding the retail price was wrongly given. This should be 1*s*. 6*d*.

"DURANT LA GUERRE."—Under this title Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, London, E.C. 4, issue a circular to the medical profession regarding the newer products of the company, and especially those that replace German articles.

QUIN QUENNA BONUS.—We are asked to state that the Quin Quenna bonus offered by Thomas Christy & Co., 4, 10, and 12 Old Swan Lane, Upper Thames Street, London, E.C., in their advertisement last week, is not retrospective. It appears that there has been a mistaken impression among some chemists on this matter.

ANTISEPTIC BABY POWDER.—John Timpson & Co., Ltd., 104 and 106 Golden Lane, London, E.C. 1, call attention to the difficulty which is experienced at present in obtaining an adequate supply of containers for Johnson & Johnson's Antiseptic Baby Powder. On this account a substantial allowance is made for tins returned in good condition.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," October 2, 1918.)

- "**DRAKE BRAND**" and device of letter D and rake surrounded by letters D.E.C.L.; for chemicals (1) and (2). By The Dominions Export Co., Ltd., Trundleys Road, Deptford, S.E. 8. 384,475, 384,476. (Associated.)
- "**PERSONAL BRAND ANTIPYRETIC REMEDY**"; for a medicine (3). By Confectionery Ingredients, Ltd., 50 City Road, E.C. 1. 383,858.
- "**VITOPACT BRAND A MEDICINE**"; for a medicine (3). By Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, E.C. 4. 384,158.
- "**CHLOROPHENINE**" and "**OXYPHENINE**"; for colours and dyes (4). By The Clayton Milline Co., Ltd., Clayton, Manchester. 384,579/80. (Associated.)
- "**ERKA**"; for sponge appliances for electricity administration (11). By The Electro Mechanical Vibrator Co., Queen Anne's Chambers, Tothill Street, Westminster, S.W. 1. 382,727. (Associated.)
- "**OLD TOBY**"; for beverages (42). By Mair & Dougall, Ltd., 35 Annfield Street, Glasgow. 384,760.
- "**COMFY**" on label device including child in bed ("Comfy" disclaimed); for perfumery, etc. (48). By Lever Bros., Ltd., Port Sunlight, Cheshire. 381,975. (Associated.)
- Picture of race-meeting; for perfumery, etc. (48). By J. Margerison & Co., Leighton Street, Preston. 384,433.
- "**LACTO-ZONE**"; for toilet preparations (48). By W. S. Marchant, 36 High Town, Hereford. 384,171.
- "**Don**" with picture of same; for perfumery, etc. (48).
- "**COBBLER**" with picture of same ("Cobbler" disclaimed); for brushes and polishes, etc. (50). By G. W. Goodwin & Son, Ordsall Lane Soap Works, Manchester. 384,753/467.
- "**VELVETOLA**"; for perfumery, etc. (48). By Boot's Pure Drug Co., Ltd., 37 Station Street, Nottingham. 384,918.
- "**DIUROPRENE**"; for adhesives, etc. (50). By The United Alkali Co., Ltd., Pierhead, Liverpool. 383,775.
- "**ENOLIN**" and "**LINDOL**"; for polishes, etc. (50). By A. Carreras, 207 King Street, Hammersmith, W. 6. 384,775/6.

Information Department.

INFORMATION WANTED.

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| 190/61. Moore's (New York) substitute for tin tubes (tough cellulose material) | 192/23. Pneumonia pillows, first-hand supplies |
| 189/60. Quain's silica ozonia | 192/25. "Janusol" or "Janusol" capsules |
| 189/60. Souter's gloves (for nerves) | 191/36. Eric's throat and lung cure. |
| 191/38. Hambley's adjustable binder | 189/62. Kearney's rat-poison |

INFORMATION SUPPLIED.

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|--------------------------------------|---------------------------------------|
| Alkagen tablets, 184/49 | "Sorbo" rubber spongee, 176/35 |
| "Antipon," 182/21 | Spongio pilline, 175/51 |
| Bates' salve, 191/16 | Sulphur candles, 179/71 |
| "Burnol," 188/7 | "T.E.C." electric batteries, 177/52 |
| Campbell's Cherry cough-cure, 185/71 | Tincture-presses, 162/12 |
| "Cynpino," 185/71 | Tobacco-juice (for agriculture), 17/1 |
| Decker's sulphur pomade, 184/37 | Whatman's extraction thimbles, 179/72 |
| Milk-powder, 182/40 | |
| Nail files (metal), 183/60 | |
| "Nutrol," 178/8 | |

Observations and Reflections

By Xrayser IL

Mr. Moreton Parry's Supplementary Circular

meets one of my objections to the appeal on behalf of the War Auxiliary Benevolent Fund, but leaves the rest untouched. The definition of the objects of the Fund is good, and it is good to have the assurance that only the surplus remaining when these objects have been served will be used for the augmentation of the old Fund; but satisfaction with these arrangements is modified by the fact that apparently the administration of the Fund is to be entirely in the hands of the Benevolent Fund Committee. For the reasons I gave last week this ought not to be. This Fund is, or ought to be, something more than a Society Fund: others besides members will subscribe to it, and they would subscribe more freely if they had a voice in its administration, as in equity they ought to have. And then there is that other point of the Society's own sacrifice for demobilised students. The silence maintained with regard to this cannot be ignored. Is no concession in the matter of fees to be made? Are we to subscribe money to help in the payment of the full fees, and the Society to forgo nothing of its "bond"?

With the First Half

of Mr. Antcliffe's motion at Sheffield I heartily agree. Territorial representation, as we are all beginning to see, is the only satisfactory electoral system, and the electorate should be divided into as many—as nearly equal as possible—areas as there are representatives to be elected. But why should not the Local Associations Executive be elected on the same principle? Its functions and those of the Council would indeed be different, the one body attending to our professional and the other to our purely business interests; but both classes of interests are common to us all, and I see no reason why the one body should be less representative than the other. In case of a conflict of opinion between them—which, however, if their respective functions were clearly differentiated would be unlikely—a conference of the two, or of a Committee of each, should be competent to arrange it. Failing this, recourse could be had to a referendum of the trade. I am convinced that such a thoroughly democratic constitution as this, and the granting of the title of pharmaceutical chemist to every registered person, would draw virtually every one into the Society, and so destroy the great bar to united action by the whole craft.

Mr. Antcliffe's Resolution,

moreover, admirable as it is in itself (I am still referring to the first half), is little better than a castle in the air unless we are prepared to get Parliamentary sanction for it. The mode of electing Council is prescribed by Statute, and only by Statute can it be altered. Would it not be best, when we are about it, to democratise the Society so thoroughly that the double organisation we at present contemplate would be unnecessary? Surely it is not beyond the power of statecraft to devise some scheme which would, so to speak, bring the whole government of our affairs under one hat, and yet leave us free, or at least more free than we are now, to adapt ourselves to changed conditions as they arise. No doubt there will always be matters of business—such, for instance, as the profit on patents—which the Council of a statutory body cannot well directly handle, but these are not of the first importance; they belong to that class of affairs which every government must perforce leave in its subjects' own hands, and in a thoroughly democratic body they would to a great extent arrange themselves. As it is—as it would be under Mr. Antcliffe's scheme were it practicable—they do arrange themselves, as the Proprietary Articles Trade Association witnesses. But, speaking generally, a single authority for all essential corporate purposes is the ideal at which we should aim, and since we must have Parliamentary sanction in any case, why not seek it for such a comprehensive measure as would make the ideal a reality?

A Wrong Impression

as to the time when a graded man who desires exemption should appeal is, I am told, still prevalent. I have the authority of a solicitor who is Clerk to a Tribunal for saying that it is a mistake to wait for the receipt of one's calling-up papers before appealing, and I have known at least one case of a man fully entitled to exemption who narrowly escaped being drafted into the Army through neglecting to appeal during the fortnight allowed for the purpose. An immediate appeal is the proper course in every case, whether for oneself or for an assistant.

Cane Sugar,

says Professor Lassar-Cohn in his well-known "Lectures on Chemistry in Daily Life," the English translation of which was reprinted so recently as two years ago, was first brought to the knowledge of Europeans by the Crusaders, and at first only as a syrup, the preparation of solid sugar dating only from the year 1400. These statements are curiously at variance with well-established facts. The Calendar of Cordova (referred to in "Pharmacographia") shows that as early as 961 the cultivation of the sugar-cane was well understood by the Spanish Arabs, as it also was in Sicily and other parts of Southern Europe, in which this industry for a time at least flourished. Seeing that sugar-manufacture had been carried on in Persia long before this, it is incredible that the Arabs of Europe knew it only as a syrup. The earliest recorded mention of sugar in English occurs in a document of 1299, in the form "Zuger Rock," which indicates a solid, not a liquid substance. The phrase "Zuker Marrokes" (Morocco sugar) is of the same date, and points to an Arab origin. As for 1400 being the date of the first preparation of solid sugar, the term "sugar candy" (which means sugar in pieces, *candy* being from the Sanskrit root *khand*, to break) is considerably earlier than that. We may conclude that the sugar of the Arabian pharmacists in Spain and elsewhere was virtually that with which we moderns are familiar.

"The Anatomie of the Elder."

a curious treatise dated 1655, translated from the Latin of Dr. Martin Blochwich by C. de Iryngio (who seems to have been an army doctor), has kindly been sent for my "comments" by a friendly reader of these notes. The book runs to 230 pages, and deals very learnedly with the medicinal virtues of the plant, its flowers, berries, leaves, "middle bark," pith, roots, and "Jew's ears"—the fungi growing on the roots, so-called because Judas hung himself on an elder—every part having been credited with much the same properties in different degrees. Evelyn, who refers to this work as his authority (or rather to the original by "Block-witzius"), says, "I cannot tell what our countryman could ail for which he might not fetch a remedy" from a tree that grows so plentifully in "every hedge." For as every part of it was medicinal, so virtually every ailment of the body was curable by it, from toothache to the plague. It was used externally, and internally, and in amulets (these were especially good for epilepsy, and in popular belief, I may add, for rheumatism), and in every kind of form—in rob and syrup, tincture, mixture, oil, spirit, water, liniment, extract, salt, conserve, vinegar, oxymel, sugar, decoction, bath, cataplasm, and powder. The favourite form of the last-named being the famous *Tragea granorum actes*. Some of these were prepared from one part of the plant only, others from several or from all. Their properties are summed up as "desiccating, conglutinating, and digesting," but are extended to include everything necessary to a universal remedy. The book prescribes in more or less detail for some seventy or more distinct diseases or classes of diseases, and though the writer may be thought to protest too much, he is never at a loss for an authority—from Dioscorides to the Pharmacopœias of his own day—while the examples of cures he adduces are drawn from all classes of people, from Emylia, Countess of Isenburg, to the tradesmen of Heyna and their dependants.

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Editorial Articles.

An Official Roll of Honour.

We have not so far heard of any suggestion for commemorating on the premises of the Pharmaceutical Society the part played by pharmacists in the Great War. We therefore make the proposal that a Committee should examine the question as to whether an honours board should be erected at Bloomsbury Square and what form it should take. Such a record would be a credit to pharmacy, particularly in view of the fact that pharmacists as such have not been recognised in the British Army during the present war. The scope of the record will need to be settled first. That the roll should contain the names of registered chemists who have given their lives for their country goes without question. There are, however, many who, having adopted pharmacy, responded to the country's call before becoming registered chemists. Many have laid down their lives, and it is fitting that some record of the sacrifice should be made at the official headquarters of pharmacy. A wider view of the scope of an honours

board would include all those, qualified or unqualified, who joined the Forces during the war, with a record of their services. There are several precedents for this. The Pharmaceutical Society of Australasia has erected on its Melbourne premises a board giving the names of registered pharmacists, assistants, and apprentices who have enlisted. The original board was presented by a chemist who is not a member of the Society, and was thus erected at no cost to the Society. Two side panels have since been added to the board by the original donor. The Pharmaceutical Society of New South Wales has also erected an honours board, and we gather that here the intention is to include the names of both chemists and assistants who have enlisted in the war. We mention these precedents because it will be necessary at the outset to settle the scope of the scheme. Already questions of this nature have arisen elsewhere. Another matter that will have to be considered is whether the names should be added all together so that they may appear in alphabetical order. This would seem to require the scheme to be postponed until the conclusion of the war, but should not necessarily prevent the Pharmaceutical Society from collecting the names which will be required. The roll of honour which was printed in *THE CHEMIST AND DRUGGIST* up to the time when conscription was introduced is the most complete pharmaceutical record of personal service that has appeared in this country, and every week the list has been continued in the European war section or in the sadder record of "Died on Service." Fortunately, the sadness of the subject is mitigated by the mobility of the sacrifice and the pride that pharmacy has been able to do so much in the cause of justice and freedom.

[Since this was written we find that the subject was raised at the Council-meeting of the Pharmaceutical Society on Wednesday and referred to a Committee.]

Import Trade of Australia.

AN interesting report on the position of the import trade of Australia as it stood in July 1917 has been made by Mr. G. T. Milne (H.M. Trade Commissioner in the Commonwealth), which describes in detail the economic situation as a result of the war. He has much to say about shipping and the difficulties of importers who are unable to buy from the United Kingdom, much as they desire to do so. The consequence is that an opportunity has been afforded for local manufacturers to develop their industries in certain directions, but it is slow work, chiefly owing to the uncertainty of the future tariff, the enhanced value of money, and Treasury control of capital. A comparison is made of the imports from the United Kingdom during the war period with those for the pre-war period of 1913, and without making statistical reference we may say that it is remarkable that the trade has been so well maintained. Previous to the war the chief competitors of the United Kingdom in this market were the United States and Germany, but, notwithstanding the importance of Germany's share in the import trade of Australia, that of the United States was yet more important previous to the war, not only in amount, but broadly regarded in its relation to the industry of the United Kingdom. The elimination of Germany from commercial competition has, however, probably proved of more advantage to Japan than to either the United Kingdom or the United States, and in support of this statement Mr. Milne gives a series of figures of imports in the five-year pre-war period 1909-13, and also those for 1915-16. Shortly after the war Japan was the first in the field with a special commercial mission, and that country seems to have done well. Dealing with the trade in the principal articles, Mr. Milne reports that:

In the trade in bottles, Germany had the leading share previous to the war, and her place has now been taken by Japan. This is a branch in which importers consider that the Japanese manufacturer will retain his hold on the market. Both the quality and the price of all kinds of medicine-bottles are such that this opinion seems to be justified. In the larger sized bottles, at least, the local industry is making headway, and may in the course of time mono-

polish the market. In scientific glassware, Japanese makers have been copying German models with considerable success. Their products are well regarded in Australia, and it seems likely that they may retain a considerable portion of this trade, as their prices are appreciably lower than those of British manufacturers. American scientific glassware is not sold extensively, as prices are considered to be too high.

As regards drugs and chemicals, there have been increases, not only in values, which, generally speaking, have augmented very largely, but also as regards the quantities; for example, the imports of caustic soda, soda ash, and bicarbonate of soda have all increased. Formerly all the caustic soda imported was from the United Kingdom, but since the war considerable quantities have been shipped from the United States. The imports of potash cyanide, for which Western Australia is the principal market, declined by over a million pounds between 1913 and 1915-16. Increasing quantities of sulphate of ammonia manufactured in Australia are being exported to the East Indies and Japan. Supplies of acetate of lime and sulphate of copper are included among imports from Japan. The cessation of imports of dyes from Germany was felt in Australia, but since the beginning of the war supplies coming forward from the United Kingdom have been fairly well maintained, 90 per cent. coming from one source. In the trade in drugs increased prices and the difficulty of obtaining supplies from overseas have been the rule rather than the exception. Certain supplies have been obtained from Japan, while American manufacturers have been enabled to extend their already large trade. The local wholesale houses have been largely occupied in filling contracts with the Defence Department, where raw materials have been available. In normal times cream of tartar is very largely supplied from France, and it is satisfactory to note that to some extent this trade has continued, while Italy and the United States have also sent considerable quantities. In regard to the future outlook, the shipping problem is likely to be the dominant factor, even for a considerable period after the war. Australia will, of course, be bare of stocks, and will be glad to import on a large scale as quickly as conditions permit.

Parliamentary Representation.

SINCE we referred to the question of the Parliamentary representation of pharmacy a meeting of the Pharmaceutical Parliamentary Fund Committee has been held, although so far no findings of the Committee seem to have been made public. At the Council-meeting on Wednesday Mr. Deakin asked whether anything has been done in the matter, and Mr. Hines asked the very pertinent question as to what control the Pharmaceutical Society has over the Fund. In view of the shuffling attitude that has been adopted regarding the control of the funds of the Local Associations Executive this Fund also is well worth investigating. These two inquiries were not answered, as it was stated they would be dealt with in a report which was apparently not reached before the adjournment of the Council. The whole subject of the representation of special interests in Parliament is very much in the air at the present time. Dr. Addison, the Minister of Reconstruction addressed a meeting of medical men this week in London and proposed a resolution which was carried in the following form:

That in the interests of the national health it is essential that the considered views of the medical profession should be voiced by medical men in the House of Commons.

It will be seen that the cue was given that votes should be obtained on the ground that medical men would be of assistance in framing the Ministry of Health. Dr. Addison said it is an essential part of that project that there should be connected with the Ministry certain consultative Councils, of which one must be medical, whose duty it would be to advise on proposals, to make suggestions, and to afford the best advice that it could give or obtain. This rather cuts against the initial idea of medical members of Parliament, as doctors

do not usually give their services in a consultative capacity without payment. If medical men are to be returned to Parliament, it is all the more necessary that chemists should also be there. Experience in the past few years has shown that medical men will never help pharmacy unless there is an advantage to be gained for the medical profession. Chemists are badly wanted in the House of Commons, if only to curb the irresponsible manner in which the different Government Departments have taken up the question of restrictions on the sale of poison. It does not appear from what has been done during the war that a single Government Department has an expert knowledge of pharmacy law or is aware that the Pharmaceutical Society entrusted with the administration of the Pharmacy Acts has all the information available. The "Grocers' Gazette" has in view a Parliamentary candidate—a retail grocer—who, it is suggested, could represent retailers in the House of Commons. The point which our contemporary urges is that the grocers' vote in any constituency is too small to influence an election, but that retailers in every trade would form a block of votes which might be a deciding factor. It is the co-operative question apparently that the grocer M.P. would tackle, and chemists in industrial districts who have had a taste of co-operative methods would, perhaps, not be averse to helping such a candidate. We imagine, however, that it would not be in a constituency strong in co-operative stores' customers that an anti-co-operative candidate would air his views.

Libelling Chemists.

MR. J. HARTLEY MANNERS author of "Peg o' My Heart" has been writing to some papers in this country libelling the chemists, who, he alleges, are selling morphine freely to ex-soldiers. This is what is printed in two weekly papers:

I have received first-hand evidence to the effect that morphine can be bought freely in certain chemists' shops in England, in any quantity, without a physician's prescription, and with no obligation on the part of the purchaser of signing a "poison book"; that as many as 200 persons have been seen waiting in line in front of a chemist's shop to purchase morphine, and that practically all of them were ex-soldiers—most of them British, some few Americans.

Such a statement is so far removed from the truth as to be positively ludicrous. Unfortunately, the general public and the newspapers which give the statement publicity are not in a position to judge of the untrustworthiness of the information. The author of the statement imagines apparently that the drug-habit is prevalent in this country, whereas, as a matter of fact, it is practically unknown among the native population. We learn from our Liverpool correspondent that in one prominent provincial journal an attempt has been made to fix Liverpool as the site of this imaginary episode. The Liverpool Chemists' Association has taken prompt action to "nail the lie to the counter." All the same, we wish Mr. Hartley Manners would retain his fiction for use in his novels.

Purifying the Membership Roll.

WE are pleased to note that at the Council-meeting on Wednesday Mr. J. Harcomb Cuff's motion for the removal of enemy aliens from the lists of honorary and corresponding members of the Pharmaceutical Society was carried unanimously. Previous attempts to do this failed because of the advice given to the Council by the officials. It was pretended that the Society had no power to remove these objectionable persons from its membership lists. The fact that such advice was given only a year or so ago and accepted is not creditable to the Council, and we are not surprised that the discussion on this matter was held *in camera*. We congratulate the Council, however, upon the courage it has shown in undoing a mistake of the past—it is a good omen for the future.

SEIZURE OF MORPHINE.—At Lisse, Holland, 9½ kilos. of morphine has been seized, which the owner was selling at the rate of 950fl. per kilo.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held on October 2 at 17 Bloomsbury Square, London, W.C. All the members were present with the exception of Mr. J. F. Harrington, absent through ill-health. Mr. W. L. Currie, the President, occupied the chair.

QUESTIONS.

The PRESIDENT intimated that a question had been received from Mr. Deakin as to whether, in view of the probable near approach of a General Election, steps were being taken to secure a direct representation of pharmacy in Parliament. Mr. Hines also asked if the Parliamentary Fund was under the control of the Society, and, if so, whether it was not subject to the management, direction, and control of the Council. The answers to these questions, replied the President, would be given in the report of the Parliamentary Fund Committee, which would give full information on the points raised. [The report of the Committee mentioned had not been submitted up to the time the transaction of public business had been completed.—Ed. C. & D.]

Mr. Wolff had sent in a written question asking who represented the Society in negotiations with the National Health Insurance Commissioners relative to changes in the Tariff of drugs and conditions of service. The answer to that, the President said, was that the changes made at the commencement of the year were a matter of negotiation between the Local Associations Executive and the Commissioners, and the basis for the prices was laid down for the year as the result. Regarding changes and fluctuations in prices, these were matters for calculation, which was made monthly by the Society's representatives and the officials of the Commission.

Mr. WOLFF: Do representatives of the Society never meet representatives of the British Medical Association in reference to the Tariff or matters connected therewith?

The PRESIDENT: You must give notice of that question. I cannot undertake to answer that at the moment.

ELECTIONS AND RESTORATIONS.

Thirty-seven persons, having tendered their subscriptions, were elected members of the Society, and twenty-eight were elected student-associates. Eighteen, having made the necessary application, were restored to the Society, and two were restored to the Register of Chemists and Druggists.

CORRESPONDENCE.

The Secretary read a letter signed by the Chairman and Secretary of the Liverpool Chemists' Association, calling attention to the attack which had been made by Mr. J. B. Manners at the Lotus Club, New York, upon the way in which he alleged chemists broke the law. The Secretary mentioned that this subject was dealt with in the report of the Parliamentary and General Purposes Committee.

A member of the Society wrote asking whether it was not feasible to start evening microbiological courses of lectures. This matter, said the Secretary, would be reported upon by one of the members of the School Committee.

A letter was read from Mr. French, Secretary of the Pharmaceutical Committee for the County of Kent, expressing the opinion that the time had now come when a more representative body than the Local Associations Executive should be formed and entrusted with the general supervision of National Insurance work, and asking if the Council of the Society would take the initiative in the matter. It was resolved, on the motion of the PRESIDENT, that this matter should be sent to the L.A.E.

FINANCE COMMITTEE.

The following is a summary of the financial statement submitted by the Finance Committee:

The receipts of the General Fund since the last meeting in July amounted to 2,869*l.* 7*s.* 3*d.*, made up as follows: Penalties and costs, 82*l.* 10*s.* 4*d.*; "Pharmaceutical Journal" and publications, 81*l.* 7*s.* 3*d.*; examination-fees, 426*l.* 7*s.*; registration-fees, 117*l.* 12*s.*; restoration-fees, 3*l.* 5*s.*; rent, 6*l.*; subscriptions, 94*l.* 10*s.*; dividends, 49*l.* 15*s.* 5*d.*; London County and Westminster Bank deposit, 2,000*l.*, and interest on ditto, 8*l.* 2*s.* 8*d.*; making, together with the balance at last meeting (210*l.* 12*s.* 3*d.*), 3,079*l.* 19*s.* 11*d.*. Payments ordered at last meeting amounted to 2,394*l.* 3*s.* 2*d.*, leaving a balance of 685*l.* 16*s.* 9*d.*. At the meeting of the Committee held on

Tuesday, October 1, payments amounting in the aggregate to 2,078*l.* 3*s.* 10*d.* were authorised. The other balances were: Benevolent Fund (donation account), 523*l.* 18*s.* 7*d.*, of which 500*l.* was invested in 5 per cent. War Bonds, 1928; Benevolent Fund (current account), 309*l.* 12*s.* 6*d.*; and Orphan Fund, 48*l.* 9*s.* 3*d.*

The Secretary read the report of the Finance Committee, which met the previous day. This mentioned that the Society's solicitors had stated that the Inland Revenue authorities had made an assessment for corporation-duty on the Society of 3,987*l.* 14*s.* 1*d.*, the duty on which at the rate of 5 per cent., and amounting to 199*l.* 7*s.* 7*d.* for three years, they now asked for payment. The Committee had submitted to the solicitors the point as to whether it was worth while incurring the expense of taking counsel's opinion on the question as to whether the assessment should be appealed against. The solicitors replied that, taking into consideration the last decision, they advised against an appeal. The Committee accordingly recommended that the assessment made by the Inland Revenue authorities for payment of corporation-duty be accepted, subject to adjustment.

The TREASURER, in moving the adoption of the report, described the corporation-duty as having been a troublesome business. The Committee, however, were of opinion that the amount of duty the Society was assessed for—199*l.*—was moderate compared with what was originally charged.

Mr. WHITE pointed out that the amount of duty recommended for payment was for several years. He asked if any idea could be given of what the yearly amounts would be in the immediate future.

The TREASURER replied that he thought the annual payments in the future would be about the same as those of which the total of about 199*l.* was made up—viz., 1914, 61*l.*; 1915, 69*l.*; and 1916, 68*l.*

The report of the Finance Committee was adopted without comment.

BENEVOLENT FUND COMMITTEE.

The report of the Benevolent Fund Committee was read by the Secretary. It stated that grants to the amount of 81*l.* had been recommended. A return of annuitants showed that the number on the list in October 1917 was thirty-eight; there were added in December 1917, nine—total, forty-seven. There were two deaths during the year, and one annuity had lapsed, leaving forty-four on the list at the date of the report. The Committee, having considered the financial position of the Fund, recommended that eight additional annuitants be elected on December 10, in pursuance of the new scale of pensions adopted by the Council in March 1914, without a contest. The names of the approved candidates were given. The Committee considered the suggestion that an increase of 10*l.* per annum should be made to those annuitants who were not receiving more than 40*l.* per annum, or where the increase would not affect the old-age pension. It was found that this increase would only affect ten cases, and would involve an extra expenditure of 100*l.* per annum. The Committee therefore recommended that an increase of 10*l.* be made to those annuitants on the present list who are not receiving more than 40*l.* per annum, and where the increase will not affect the old-age pension.

Mr. PARRY moved that the report and recommendations be received and adopted. This was seconded by Mr. DEAKIN and agreed to.

It was further resolved, on the motion of Mr. CAMPBELL, seconded by Mr. JENKIN, that the Treasurer be requested to forward 40*l.* to the London Orphan School for the education for one year of an orphan boy whose case had been decided by the Committee.

WAR AUXILIARY BENEVOLENT FUND.

The report of the War Auxiliary Benevolent Fund Committee stated, in connection with the registration of the Fund under the War Charities Act, that certain formalities had to be complied with. These having been duly conformed with, a certificate of registration was issued on September 12. The Committee recommended that the action of the Secretary in these matters be approved. It was further recommended that the official appeal in aid of the Fund and Mr. Parry's circular letter should be issued to local Associations, and that collection-sheets be drawn up for the use of such local Associations as might desire them. A question having arisen as to whether subscriptions to the Fund might be allowed as expenses for the purpose of calculating excess profit, the Secretary was instructed to carry on his correspondence with the authorities and prepare a case in support of the claim for such an allowance. It was recommended that a bank account be opened under the name of the Pharmaceutical Society's War Auxiliary Benevolent Fund, and that cheques on that account be

signed by the Treasurer and Secretary. The Secretary reported that he had asked the Leeds Association whether they would agree to the amount they had already collected being used to head the list of subscriptions received through the local Associations. A reply had been received cordially agreeing to the suggestion and stating that the Association hoped to forward additional subscriptions. (Hear, hear.)

Mr. PARRY, in moving that the report of the Committee be received and adopted, explained that the delay in giving the appeal in aid of the Fund the necessary publicity was really due to the fact that they had to procure the statutory permit before proceeding with the work. That permit, in the form of the certificate, had now been received.

The Council discussed in private certain contributions which, it was explained, were not to be regarded as being the final ones coming from the same sources.

Mr. PARRY stated that the amount already received amounted to 613/. 7s. This amount had been subscribed before any in the country knew exactly what the Committee would require. When, however, those who had already sent contributions realised the calls that were likely to be made on the Fund—and already claims were beginning to come in—he hoped the amounts sent by these subscribers would be considerably increased. There was every evidence that a great deal of enthusiasm had already been aroused in connection with the Fund. He had the pleasure on Wednesday of last week of addressing a meeting at Liverpool, and at the close, although there were very few present and no appeal had been made for subscriptions to the Fund, he received 300/. from the twenty or so who attended. (Hear, hear.) That, he thought, afforded very promising evidence of the reception the Fund would have throughout the country.

Mr. SKINNER remarked that there was one item in the letter issued by Mr. Parry which dealt with assistants, apprentices, and students who had their course of training suspended in consequence of the war, and the necessity for providing them with books and paying their fees when they resumed their studies. He took it that the Committee had agreed to these proposals, and that they would emphasise them in the appeal. Mr. PARRY replied that the Committee had agreed to the conditions mentioned by Mr. Skinner, but had not yet had time to consider the details fully. They would consider cases of the description mentioned by Mr. Skinner as they arose.

The report and its recommendations were then agreed to.

LIBRARY COMMITTEE.

The Secretary read the report of the Library, Museum, School, and House Committee. It stated that the regulations under which the Society obtained a grant from the Board of Education required that the School should be visited at various times and the registers of attendance checked and signed either by (a) someone directly appointed to represent the Committee for this purpose, or (b) members of the Committee. The Committee decided upon the latter course, and would arrange for a rota of members of the Committee for this purpose. With reference to the Petrie Bursary, further correspondence had been entered into, and it was now recommended that, in accordance with the nomination of the Aberdeen Pharmaceutical Association, Mr. Adam D. Grant be awarded the Bursary. The Dean having intimated that he required a demonstrator in chemistry for the Minor students, it was recommended that Miss Vera Newcome, the Burroughs Scholar, be appointed, and that in order to take up those duties she should relinquish her scholarship. The Dean reported that he is examining in the pharmacy research laboratory, at the request of the Director of Kew Gardens, a bark from the Transvaal, reported by Mr. Pole Evans to be particularly valuable for malarial fever. He also reported that he had submitted a specimen of seeds received from Kew Gardens to a preliminary examination. He had pursued during the past twelve months the policy of bringing the Society into closer touch with the Director of Kew Gardens by undertaking such work as appeared suitable for the research laboratory. The Committee recommended that the action of the Dean be approved. It was further recommended that owing to the number of entries the starting of the microbiology class be deferred.

Mr. WHITE moved the adoption of the report.

Mr. SKINNER called attention to the letter received from a member of the Society which had been read by the Secretary, and suggested that the subject of evening lectures on microbiology should be considered by the House Committee.

Mr. WHITE remarked that the letter would be referred to the next meeting of the Committee. He reminded the Committee that when the question of evening lectures and demonstrations was considered there were two things which were borne in mind—the matter of light and nocturnal

aerial visitations. The Committee could not in the present circumstances recommend starting evening work in microbiology.

The TREASURER suggested that the Committee might consider the desirability of having a memorial to those connected with pharmacy who had lost their lives in the war in the form of their names being given on a board similar to that which contained the names of those who had distinguished themselves in pharmacy. This had been suggested to him from outside, and the proposal might be considered at the next meeting of the Council.

The report was then adopted.

PARLIAMENTARY COMMITTEE.

The report of the Parliamentary and General Purposes Committee stated that the following resolutions from the Manchester Pharmaceutical Society had been referred to the Committee: (1) That in future a member of the Council of the Society shall not be eligible for appointment to any office of profit under the Council unless the said member shall have resigned his position as Councillor at least three months previously; (2) that this Council is strongly of opinion that in future all salaried positions of the Society, when vacant, should be advertised. A letter had been received from the Salford Association supporting these recommendations. The Committee recommended that the Manchester and Salford Associations be informed that the Council does not see its way clear to bind itself or its successors in the manner indicated. Further communications had been received from the Council on Public Morality in reference to the drafting of a provision in the Bill now under consideration for dealing with the sale of preventatives. They stated that the Bishop of London was to give evidence before the Select Committee, as representing their organisation. The Secretary of the body mentioned asked whether the Council would prefer to submit this question to the Committee as a Society, as he understood the British Medical Association had done, or whether they felt it should be done unitedly. The wording of the provision dealing with this matter which the Committee was to be asked to include in the Bill asked for by the Secretary of the Society on August 10 had not been forthcoming. The Committee recommended that action by the Society be deferred pending receipt of the draft clause. The scheme submitted by the National War Savings Committee for promoting the sale of War Savings Stamps by pharmacists was approved, and members of the Society were recommended to support it. With reference to enemy aliens who are honorary and corresponding members of the Society, the Committee reported that they had again considered the matter, and after making inquiries concerning the action taken by similar bodies, were of opinion that it was not desirable to retain such members. They recommended that the resolution upon this subject standing in the name of Mr. Cuff be supported. The action of the Registrar in forwarding the letter in reply to Mr. Manners, of the Lotus Club, New York, relative to the alleged improper conduct of pharmacists [see p. 43] was approved, and it was recommended that a copy be sent to all papers known to have published Mr. Manners' letter. An appeal was received on behalf of St. Dunstan's Fund for Blinded Soldiers and Sailors requesting that chemists be asked to support the Shilling Fund in its aid. The Committee came to the conclusion that, while appreciating the splendid work carried on at St. Dunstan's, they were unable to adopt the suggestion.

The Secretary said he did not know that the report could be received unless the Council felt that they could accept its recommendations without a discussion, in view of an announcement made by the President at the outset of the proceedings relative to the amount of business on the agenda and the limited time in which it would have to be transacted if the meeting were to be terminated at the usual time.

It was resolved to receive the report *en bloc*.

RECONSTRUCTION COMMITTEE FORMED.

The Secretary submitted the report of the Special Committee which was appointed to consider questions which were likely to develop after the war. The report referred to the proposed improvements in the pharmaceutical service in the Royal Army Medical Corps, which were accepted as an earnest of the intention of the authorities to make still further drastic changes. The question of pharmaceutical training of men while serving with the Army was next dealt with. The correspondence with the R.A.M.C. and Captain Lord Gorell was read, and the reply of the Council expressing willingness to consider as a temporary provision alterations of regulations and by-laws if needed to facilitate the acquirement of the qualification of the students. A deputation from the Committee had also waited on the Director-General of the Medical Department of the Navy in regard to the same matter, and the members of

the Committee are to visit naval medical establishments so that they may be the better informed as to the needs of the Navy. Reference was then made to the scheme for the training of disabled sailors and soldiers as pharmacists, but this can only be made public when the Government Departments so decide. Arrangements are to be made for making such alterations in the by-laws and regulations as may be required. A letter from the Director-General, Army Medical Service, was given as an appendix to the report. In this letter it was stated:

The Committee appointed by the D.G., A.M.S., to discuss the position of pharmacists serving in the R.A.M.C. presented its report to the Director-General at the end of last month.

The Director-General having approved generally with the recommendations of that Committee, steps are being taken to draw up an Army Council Instruction which will give effect to such of these findings as have been approved.

I am to say that the principle of placing a pharmacist in charge of the dispensary of hospitals with 100 beds or over will be embodied in this A.C.I., and that it is hoped that pharmacists thus posted will be given the rank and pay of sergeant.

I am to add that the question of higher ranks than that of sergeant for pharmacists is still under consideration, as is also that of giving commission rank for the holders of certain appointments, and a further communication will be made in due course.

I am to inform you that arrangements have been made to enlist into the R.A.M.C. all qualified pharmacists who may in the future be called up for service.

The report having been considered, the following resolution was passed unanimously:

"That, as the scheme for the training of discharged soldiers and sailors as pharmacists makes no provision for discharged men who prior to enlisting were apprentices or assistants to pharmacists, but who in consequence of their service and disability cannot complete their training without assistance, the Ministries of Pensions and Labour be urged to provide a similar scheme for such men."

DRUGS FOR THE TROOPS.

A supplementary report of the Law Committee was submitted by the Secretary, who stated that it dealt with three or four matters relating to the supply of drugs for the troops in which he had asked the Government for a ruling as to who were included in the term, "His Majesty's Forces." A reply, however, had not been received. The report stated that on August 22 the following letter was sent by the Secretary to the Secretary of State for War:

I shall be glad if you will advise me on the following points raised by the addition of acetanilidum and phenacetinum to the list of drugs prohibited for sale to members of His Majesty's Forces: (1) Does the term "Member of His Majesty's Forces" include Army nurses, members of the W.A.A.C. or W.R.N.S., and other branches of the Women's Auxiliary Army Organisation? (2) A very large number of shopkeepers sell proprietary brands of headache powders probably containing prohibited drugs, and many of such persons may be ignorant of the existence of the Order. Which is the proper authority to acquaint them of the new Regulation and see that it is enforced? Pharmacists have loyally observed the Regulations imposed on them by the previous Order, but the drugs involved have hitherto been those obtained only from qualified persons. The addition of a different class of preparations, the sale of which is not restricted by law to qualified persons, raises a different condition of affairs, and, unless special precautions are used to ensure the observance of the Order, the refusal of a sale by a pharmacist will result in purchases from other sources. I may mention that inquiries made of the Army Medical Department have failed to elicit a definite pronouncement on the points raised, hence the reason of my approaching you on the subject.

To this no reply had been received.

The report proceeded: The officer commanding a military hospital wrote asking for a ruling on the following question: Whether a dispenser in a military hospital was right in refusing to supply drugs within the Order without having the full signature, address, and qualifications of the prescriber set out in the prescription in the following circumstances: "1. Urgently required injections of morphia as sedatives. 2. Injections of strychnine in threatened cardiac failure. 3. Local applications of opium as ointments, fomentations, etc. 4. Occasional doses of mist. expect. sed. for cough, etc. 5. Doses of bromide, etc., as hypnotics." The Secretary replied as under:

I am in receipt of your letter of August 30. It is difficult to give an authoritative ruling upon the questions you raise. The Orders are made by the War Office, and I doubt if they were really intended to cover transactions in a military hospital, although the actual wording is such as to fully justify the dispenser, for his own protection, requiring the prescriptions to be signed in conformity with the Order. I suggest the War Office should be asked to give a ruling as to the application of their own Order in their own establishments.

I can hardly conceive a dispenser, in the case of a real emergency, delaying the supply in order to first get the prescription in proper form. I take it he would first supply and subsequently get the prescription put in order.

As to the other point, if I may say so, I hardly think it need

cause serious trouble if, instead of or in addition to the rank, the prescribing officer has to give his qualifications. After all, the Order is a protection to the profession, and, like all such provisions, carries with it some obligation on the part of those protected.

The Committee recommended the Council to approve of the action taken.

A pharmacist who is in the habit of supplying a private sanatorium with drugs and stock mixtures, and had received a printed duplicate numbered order form as under:

Kindly supply cocain HCl gr. viii., glyce. ac. carbol. ʒss., aque. roseæ ad ʒiv. Sig., "The Cocaine Solution." Signed (doctor's initials only).

wrote asking if he was correct in returning it, as it was not marked "Not to be repeated," and it did not bear the doctor's name, qualifications, and address.

The Secretary's reply was as follows:

In my opinion, what you received from the sanatorium was not a prescription, but an order from "an authorised person" for the supply of a compounded solution, and that the provisions relating to a prescription need not be complied with. However, you were on the safe side in so treating it. I would require such orders to be signed in full by the doctor, so that there could be no question that it was a supply to him. Supplies to doctors who are authorised persons are not within the provisions of the order applicable to prescriptions.

The Committee recommended the Council to approve of this action. The report was adopted.

INCOME AND EXPENDITURE.

Mr. ROWSELL, in terms of previous notice, moved:

"That the Finance Committee be instructed to consider and report upon the effect of the war, and conditions to prevail during the reconstruction period, on the income and expenditure of the Society."

It was self-evident, Mr. Rowsell said, that something must be done by the Council on the lines suggested by the motion.

Mr. KEALL seconded, and the motion was adopted without comment.

ENEMY ALIENS.

Mr. CUFF moved in terms of previous notice: "That all enemy aliens be removed from the list of honorary and corresponding members of the Society." *

Mr. HINES seconded, and this motion was also adopted without comment.

NEW DRUG-TARIFF TERMS.

The report of the Local Associations Executive Committee, which was embodied in that of the General Purposes Committee, dealt with the terms for remuneration under Drug-tariff 1919. It was resolved that the offer of an increase of 0.45d. per prescription, combined with the continuance of the pricing of aqua chlorof. and aqua camph. on the present basis, be recommended for acceptance by the Pharmaceutical Committees, and that the Secretary be instructed to send a circular to the Pharmaceutical Committees conveying this recommendation, with an intimation that should 50 per cent. of the Committees refuse to accept the terms offered, a Conference would be called to decide upon the future course of action.

This, the PRESIDENT announced, was all the public business.

Examination Results.

We have received from the Registrar of the Pharmaceutical Society of Great Britain the following list of persons who were granted Minor certificates at the recent examinations held in London and Edinburgh:

LONDON.

Abercrombie, Nellie G., Ruship	Lawrence, O. P., Hampstead
Adams, Agnes M., Hyde Park	Mandelstam, Barnett, Cape Town
Agnew, Madeline G., South-church	Mollinsky, Samuel, London
Bentley, Dorothy M., Eastwood	Ogden, F. R., Oldham
Butler, John, Liverpool	Pearse, Penelope B., Leicester
Callam, A. F., East Dulwich	Pritchard, Ivor, Bangor
Church, Olive C., Bedford	Roberts, Bronwen, Llandudno
Comber, William, Sutton	Smith, Harry, Manchester
Evans, R. H., Laucharne	Snelus, Susanne M. L., Hampstead
Fairhurst, J. H., St. Helens	Sturdy, Wm. A., York
Franklin, William W., Derby	Walker, Leopold, Liverpool
Higgins, Gerald S., Porthcawl	Webster, Effie S., Hayes
Holbrook, Olive M., Bath	Whalley, Frank, Hyde
Ismay, John S., Wigton	Withers, Eric M., West Bromwich
Lander, Mary, Nottingham	

EDINBURGH.

Dyett, Elizabeth H., Callander	Ramsay, Lizzie C., Forfar
Lockerbie, Jeanie A., Dumfries	Salmon, W., Stockton-on-Tees
Love, Elizabeth, Armadale	Schmitz, Charles E., Blackpool
McAllister, Mary C. M., Glasgow	Stirling, Norah, Johnstone
Manson, A. J. McK., Forres	Tomlinson, Florence, Burnley
	Wallace, Annie, Leslie

Opening of the School of Pharmacy.

THE seventy-seventh session of the Pharmaceutical Society's School of Pharmacy was opened on the afternoon of October 2 in the Examination Hall, 16 Bloomsbury Square, London, W.C., the President (Mr. W. L. Currie) in the chair. Among those on the platform were the Right Hon. Christopher Addison, M.D., M.P., Minister of Reconstruction, Colonel Lord Gorell (Department of the Directorate of Staff Duties in the Army), Sir W. H. Norman, C.B., Director-General of the Medical Department of the Navy, General T. H. J. C. Goodwin, C.M.G., D.S.O., Director-General of the Army Medical Service, Sir William Tilden, D.Sc., Sir Richard Robinson, D.L., Mr. W. Kirkby, M.Sc., President of the British Pharmaceutical Conference, Professor H. G. Greenish (Dean of the School), Mr. W. S. Glyn-Jones, M.P. (Secretary of the Pharmaceutical Society), and members of the Council of the Society.

In opening the proceedings, the PRESIDENT remarked that this was a red-letter day in the history of the Society, and made appreciative references to the distinguished visitors present. He then called upon the Dean of the School (Professor H. G. Greenish) to read the report on the School.

REPORT ON THE SCHOOL.

THE DEAN, in the course of his statement, said that his report was, considering the adverse circumstances with which both teachers and students had had to contend, a satisfactory one, and, in the success of the students at the Qualifying examination, more satisfactory than many of its predecessors. The total number of entries for the advanced and elementary courses was thirty-six, or about one-half of the pre-war average. The Charles James Hewlett Exhibition has been awarded to Miss Dorothy Yapp. In the *personnel* of the staff certain changes have, unavoidably, taken place. Professor Smith, who has been Professor of Chemistry in the Society's School since 1914, is now devoting his whole time to Government work, and has found himself unable to continue his duties as a teacher in the School. The vacancy which has thus occurred has been filled by Mr. C. E. Corfield, who, as lecturer in chemistry, will now have charge of that department. He will be assisted by Miss Caird as senior and Miss Newcombe as junior demonstrator. The past year has brought rewards to numerous students of the School.

HERBARIUM REPORT.

MR. E. M. HOLMES, who was heartily applauded, said that only one herbarium had been submitted in this year's competition. This one was of unusual interest, as it comprised 150 specimens (representing 50 natural orders) from Herefordshire, and the majority of these were medicinal or quasi-medicinal plants. Only two were incorrectly named, and the mounting was "good enough for Daniel Hanbury." The silver medal was awarded to the sender, Miss D. M. M. Higgs.

SCHOLARSHIP AND PRIZE COMPETITIONS.

MR. GLYN-JONES reported on the competition for the Council prizes, the winners of which were announced in the *C. & D.*, May 4, p. 38. In addition to these, the Burroughs Scholarship had been awarded to Vera Newcombe, and the Redwood Research Scholarship to Hope C. M. Winch and Annie Williamson. The PRESIDENT then presented the prizes, together with those gained in the School of Pharmacy examinations, the successful candidates in which were given in the *C. & D.*, April 6, p. 38, and July 6, p. 38. This part of the ceremony ended, he addressed a few words to the prize-winners and the other students present, dwelling on the virtues of perseverance, caution, and hope.

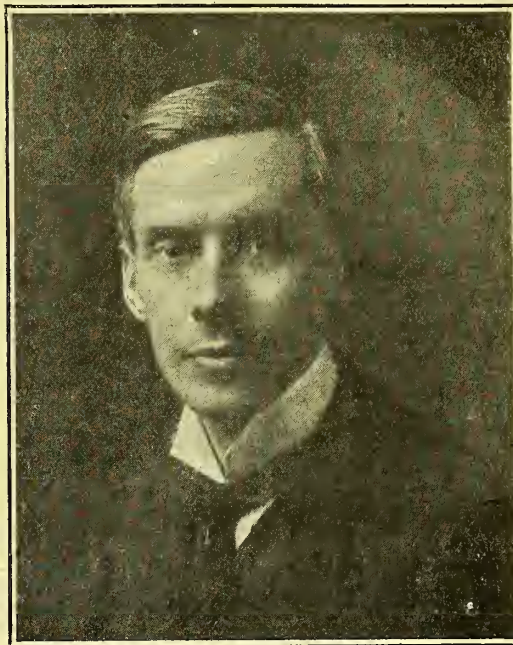
THE INAUGURAL ADDRESS.

THE PRESIDENT next called upon the Right Hon. Christopher Addison, M.D., M.P., Minister of Reconstruction, to deliver the inaugural sessional address.

After a short introduction, Dr. ADDISON soon began to talk about the war. We have learned, he said, what a bulwark our free institutions are, under which readiness, resource, character, personal initiative and adaptability have developed and enabled us to transform and adjust our national life in this great emergency to the necessities of the time in a way never dreamt of as possible by our enemies. While recognising this, we cannot but discern that the greatest danger during the war, as it was before it to much of our trade and industry, has been German organisation, training, and method, especially in the application of physical science. Without being original themselves, they have taken hold of the ideas of others, often British in their origin, and applied and developed them with painstaking thoroughness, so that in many of our industries they were gradually acquiring a greater power

than they would ever have gained by force of arms—a power which, as we see clearly enough, they would not have scrupled to use with sinister and conscienceless brutality, had it suited them.

Referring then to the need for restoring the waste of war, he said: Many, doubtless, will have gone away from among you whom the end of the war will find with a course of training interrupted and incomplete. There will be many young men who, but for their absence fighting our battles, would by now have passed their Qualifying examination. It is our duty as a State, just as it is of your Society, to minimise the effect of those months and years of absence from their shops, laboratories, dispensaries, and colleges as



DR. C. ADDISON.
Minister of Reconstruction.

much as possible. That handicap must be reduced, not only because sheer justice to the men demands it, but because the community will require their services, and must see to it that they are properly equipped. Anything like stickiness on the part of the professions, callings, and trades in revising temporarily the various requirements from candidates for full qualification—subject, of course, to satisfactory fitness being shown—would be the most foolish of policies. Looked at from the lowest standpoint, such an attitude would only result in laying up trouble for the future for any class which adopted it. Endless difficulties would ensue if upon the flanks of the recognised skilled trades and professions a body of men were created partly trained in the work of the particular profession, but without the sanction of a completed course. I may say that the Government has now under consideration detailed proposals for dealing with these matters. Dr. Addison then mentioned the part taken by the Pharmaceutical Society in various matters during the war, particularly in connection with the drug-supply. He foreshadowed increasing demands upon pharmacists owing to the enlargement of the field of medical science, which has already made it impossible for medical students to learn anything of pharmacy. Other functions will be taken over by pharmacists. He referred also to the possibilities of bringing all parts of the healing art under a unified command with a community of interests.

THE PRESIDENT, in moving a vote of thanks to Dr. Addison for his address, took up the theme of reconstruction, assuring Dr. Addison that the Pharmaceutical Society would do all it could in this direction.

MR. E. WHITE seconded in a humorous speech. The PRESIDENT then put the resolution, which was carried with acclamation.

Dr. ADDISON acknowledged the vote of thanks in a single sentence. In closing the proceedings the PRESIDENT announced that apologies for absence had been received from Sir Almeric FitzRoy, Clerk to the Privy Council, and from Mr. J. F. Harrington, who is recruiting after illness.

Tunis Caraway-seed.

THE scarcity of caraway-seed in the English market, due to the stoppage of supplies from Holland, which furnished the greater proportion used in this country, has not only led to an extraordinary increase in price, which is now nearly ten times that obtained before the war, but also to the introduction of substitutes and other varieties of caraway. For some months past the Indian dill-seed (*Peucedanum Sowa*) has been sold as a substitute, both in this country and in France, and its use is apparently increasing in the North of England. It somewhat resembles caraway in flavour, but would readily be distinguished by a pharmacist, although possibly not by the baker, who uses it in the preparation of "seed" cake and Abernethy biscuits. Although about the same length as caraway, it is rather broader, and has a narrow wing all round the margin, and is flatter and lighter in colour than the Dutch caraway. The fact that Indian dill is not considered so suitable for medicinal purposes as the English dill has rendered the Indian seed somewhat of a "drug in the market," and in consequence it has been offered cheaply and utilised as a substitute for caraway, after being screened to remove the stalks which are usually present in the seed as imported. The Mogador variety is at present in the London market, and has been offered at intervals for many years. Hanbury mentions in "Pharmacographia" that, as long ago as 1872, 952 cwt. were imported and in 1875 another lot of 288 cwt. But although suitable for distilling caraway oil for use in perfuming soaps (such as brown Windsor soaps), it is not suitable for flavouring. It has a less pleasant flavour than the Dutch and English caraways, and has usually a quantity of fruitstalk mixed with it which also militates against its use in confectionery and bakery unless previously screened, and this of course means loss of weight and consequent increase in price. But for the preparation of powdered caraway for use in veterinary medicine this process is scarcely necessary. Another variety of caraway which is apparently a novelty in the London market is now being offered. At first, apparently with the view of hiding its exact geographical source, it was called by the somewhat hazy or indefinite term "Lovant" caraway, but it is now distinguished from the Morocco caraway by the more definite name of Tunis caraway. It is not quite so long as the Morocco caraway, and not so pale, approaching more nearly in colour to the English caraway. It also has a pleasant flavour which recalls that of the English and Dutch caraways, and if screened to separate the stalks which it possesses in common with the Mogador variety it would form quite a presentable and promising substitute for the English article. All the varieties of caraway are easily grown in this country. Mr. Hanbury cultivated the Mogador variety in his garden at Clapham Common, and the writer has grown the North Russian variety, and there is no reason why the Tunis kind should not succeed equally well. The cultivation of caraway in this country is deserving of the attention of the Department of Agriculture, and especially as regards botanical, horticultural, and chemical research. There is considerable variation in the size and flavour of the fruits or so-called "seeds" of the different varieties, as well as in the yield of seed and of volatile oil derived from it, and it is necessary to successful and profitable cultivation that the best varieties should be ascertained, as well as the conditions of soil and climate under which the best results are obtained. According to a note in "Science Siftings" (July 24, 1917, p. 316), under the appropriate title of "A Neglected Plant," it is stated that in Holland 20,000 acres are devoted to the culture of caraway, and that each acre yields about 1,000 lb., but the yield is elsewhere stated to vary from 4 to 8 cwt. per acre. It is obvious, therefore, that it is desirable to know the conditions under which the higher yield is obtainable. In Holland broken-up grass land is usually chosen for the purpose of caraway cultivation. The yield of oil both in the wild and cultivated plant varies from $\frac{3}{4}$ to 7 per cent., and the conditions under which this variation takes place should be ascertained by experimental cultivation under the aegis of the Department of Agriculture. It is certainly quite a hardy plant, but some individuals are much more robust than others, possibly depending upon the size and maturity of the seed sown, since, as in all Umbelliferae, some of the umbels are larger and ripen earlier than others, and a careful selection of seed might lead to larger crops and a higher percentage of oil. The flavour of the oil differs slightly in the different varieties, the North Russian being apparently preferred for its flavour in preparing of the liqueur known as kummel, although this variety yields only a small percentage of

essential oil. To what this peculiarity of flavour is owing has not apparently been ascertained, but is possibly due to a very small percentage of some ingredient that could only be ascertained by the examination of a large quantity of the oil. But it is obvious that an industry in this seed might be developed if research were devoted to its cultivation. Several questions present themselves as requiring answers.

1. The condition of soil such as porosity, amount of moisture, chemical constituents removed by the plant from the soil, and consequently needing replenishment.

2. The variation in the amount of oil, whether dependent upon weather and sunlight or on selection of healthy seed.

3. The varieties which yield respectively the largest amount of volatile oil for use in soap-manufacture, the one that yields most carvone for chemical and medicinal purposes, and the one which possesses the finest flavour for the manufacture of liqueurs.

4. Whether these characteristics are permanent under cultivation.

The present time seems to offer an excellent opportunity of developing an industry in this spice in Great Britain, since the supply is quite insufficient to meet the demand as evidenced by the high price asked in commerce, and a well-conducted scientific research might easily lead to a supremacy of the British article.

Face Value Committee.

MR. W. H. SAUNDERS (Chairman) and Mr. Hugo Wolff (Hon. Secretary) of the Face Value Committee, now dissolved, have submitted to local Associations a report and financial statement covering the work of the Committee for the period during which it was in existence. The report refers to the revival of the movement which began by the publication in THE CHEMIST AND DRUGGIST, November 10, 1917, of a letter from Mr. J. J. Jackson, Hereford, who asked, "What does it profit a man who sells 1,000£ worth of patents? Is it not time the proprietors were asked to contribute something towards the wages of the retailer who markets their goods?" The correspondence which ensued led to a meeting in Birmingham called by Mr. Harold Miller, Cheltenham, and the formation of the Face Value Committee. The subsequent negotiations with the Proprietary Articles Trade Association and the formation within the last-named body of a Committee to forward the face-value movement are recounted. The conclusions of the report are as follows:

The term "face-value" is now a recognised term in the trade, and its value may be appreciated when one remembers that the manufacturers of some of the best selling proprietary articles advertise that they are sold at "face-value."

Looking at the recent additions to the list of these lines sold at "face-value," and bearing in mind the increased profit which some of them now bear, it does not require much imagination to realise what possibilities exist in the latent strength of pharmacy.

The "Face Value" Committee realises that this success could not have been obtained but for the magnificent support given by the various Associations, and the space so freely placed at the disposal of the Committee by the trade journals, particularly THE CHEMIST AND DRUGGIST, which consistently supported the scheme from its inception.

The "Face Value" Committee urges the local Associations to remember that this is the one chance that pharmacy has to obtain the greater advantages which accompany face-value, and sincerely hopes that the subject will be fully discussed and kept alive at all Association meetings. Every member of a Pharmaceutical Association should be a member of the P.A.T.A., and constant pressure should be brought to bear on all manufacturers outside the P.A.T.A. in order that they may be induced to come in.

The four members of the late "Face Value" Committee, who will in future work under the auspices of the P.A.T.A., assure the trade that they will exert every effort to bring about "face-value" as the fixed minimum retail price for all proprietary articles.

As regards the financial side, it is reported that the sum of 55£ 1s. 8d. was received in subscriptions from thirty-eight Associations. The entire working expenses of the movement having been provided by the members of the Face Value Committee, it is proposed to forward this money to the Benevolent Fund of the Pharmaceutical Society. If no objection to this proposal is made by any of the contributors, the money will be handed over on November 1.

Trade Report.

42 Cannon Street, E.C. 4, October 3, 3 p.m.

The inspiring nature of the news from the various battle fronts transcends all other interests at the moment, and in consequence the markets generally are subdued in tone. If anything, the political situation has a tendency to make sellers rather more pliant in regard to prices, but there is no pronounced downward tendency, simply because spot stocks with few exceptions are small and of high cost, and many crude drugs, owing to freight difficulties and import restrictions, are not being replaced. The immediate future of the political situation is of course fraught with great possibilities, and, taking a long view, there is a prospect of the opening up of trade with the Balkan, Palestine, Russian, and Black Sea ports, so that it is not anticipated that any slump in values can take place even if peace was declared before the year ended. Among the week's alteration in values is a further rise in citric and tartaric acids, the former being again pronounced; citrates are dearer. English refined camphor is higher, but in the absence of adequate supplies the prices are nominal. Bismuth salts are dearer, with the metal unchanged. Aspirin is still tending upwards; phenacetin has improved; and acetanilide is the turn harder. Potash bromide is easier. Menthol has fluctuated 3d. either way, but is firm; oil of Japan mint is dearer. Saccharin is on the easier side. Other changes include an advance in farina, a firmer tone in agar-agar, saffron, and star anise oils. Fenugreek-seed is easier, with a good business; dill is very firm, caraway scarce, coriander steady, canary and cumin both being firm. Pimento and cassia lignea have been placed on the list of restricted imports; more money is asked.

Higher	Firmer	Easier	Lower
Bismuth salts	Acetanilide	Barbitone	Ethyl
Camphor	Agar-agar	Fenugreek-	salicylate
(Eng. ref.)	Anise oil, star	seed	Heliotropine
Cascara	Antimony (cr.)	Lithopone	Peppers
sagrada	Cassia lignea	Potash	Terpene
Citrates	Cassia oil	bromide	hydrate
Citric acid	Pepsin	Saccharin	
Colocynth	Saffron	Sandalwood	
Farina	Soda acetate	oil	
Insect-flowers		Soda hypo-	
Phenacetin		sulphite	
Pimento			
Soda acetate			
Tartaric acid			

Cablegram.

NEW YORK, October 3.—Business is fair. Menthol has advanced a further 25c. to \$5.75 per lb., and peppermint oil is also dearer at \$5.25. Cartagena ipecacuanha is also higher at \$4.25; gentian has advanced to 25c. and long and short buchu-leaves to \$2.25 per lb. Copaiba is lower at 75c. per lb.

ACETANILIDE has a firmer tendency at from 6s. to 6s. 3d. per lb.

ACETIC ACID.—The scarcity remains quite acute, and supplies are only released by the Government for the most necessary purposes, so that the production of all acetates continues to be affected.

AGAR-AGAR is steady, with spot sales of No. 1 Kobe strip at 3s. 6d. per lb., a good business having been done.

AMIDOPYRIN is firm, with spot sales at 60s. per lb.

AMMONIA SULPHATE.—The current make finds its way into consumption immediately on production at the fixed prices of 15l. 15s. for October-November, 16l. 5s. for December-February, 16l. 15s. for March-May, for home trade use, less 10s. per ton to dealers and merchants. Export trading is still held up.

ANISE OIL, STAR, is firmer, with spot sales of "Red Ship" brand at 5s. 8d. to 5s. 9d., and September-November shipment at 5s. 6d. per lb. c.i.f.

ANTIMONY.—Whereas the price of foreign regulus has again been depressed, the tendency of crude metal is stronger than ever through the lack of supplies, and quotations for the latter remain nominal at a further advance at 65l. to 70l. per ton for spot lots. The market for regulus is to some extent presumably affected by the prospect of peace being brought nearer than seemed likely heretofore. Offers are being made down to 74l., and it may be mentioned

that c.i.f. business for September-November shipment is possible at about 65l., according to cables from Japan.

APIOL is much dearer, makers quoting 38s. per lb.

ARSENIC.—There has been no improvement in the demand, the tone being dull, with sellers of white Cornish powder at from 95l. to 98l. per ton delivered London. There is, however, not much pressure to sell for the present, although prospects are not very encouraging for an improvement.

ASAETIDA remains extremely scarce, a limited quantity of free almondy offering at 22l. per cwt.

ASPIRIN.—English makers still appear to be fully booked ahead, and do not wish to appear to make further commitments, as it is impossible to say what the position of raw materials will be. Spot holders are able to obtain from 16s. 6d. to 17s. without difficulty.

BARBITONE is on the easier side, it being possible to buy at 95s. from spot stocks.

BENZOATES are still scarce, as the English makers only deliver in quantities entirely inadequate to meet the demand.

BISMUTH SALTS.—The English makers have advanced the prices of salts, the list price of B.P. carbonate being 15s. 11d. and bismuth subnitrate, B.P., 14s. 1d. per lb., with the usual reduction for 1-cwt. and 2-cwt. lots.

BROMIDES.—Potash has been in fair demand, and for small parcels of Japanese crystals from 8s. to 8s. 3d. has been paid on the spot; ammon. is 7s. 6d. and sodium is 5s. to 5s. 3d. We learn from one of the largest American makers, under date of September 6, that the War Trade Board of the United States has been allowing the exportation of only limited quantities of the various bromides. The situation in ammonium and sodium bromide is very tight, but there are at the present moment reasonable quantities of potassium bromide available for export, subject, of course, to exportation of it by consent of the War Trade Board. Prices are as follows: Ammonium, 75 cents per lb.; sodium, 65 cents per lb.; potassium, granular, \$1.25 per lb., in 100-lb. lots, f.o.b. New York. To increase the domestic supply of bromine, the United States Government had additional brine wells drilled in Michigan early in 1918. The quantity of bromine marketed in the six months ending June 30, 1918, as reported by the nine producers, was 842,543 lb., compared with 895,499 lb. in 1917. The output for the first quarter of the year was 350,234 lb., and that for the second quarter, after the new brine wells in Michigan had been completed and the plants improved by rebuilding, was 492,219 lb. A large part of the output is not marketed as bromine, but in the form of potassium bromide, sodium bromide, and other salts. During the first three months of the year four of the plants were idle because they were rebuilding or short of labour, but on July 1 nine were operating and one was nearly ready to resume work.

CALCIUM ACID PHOSPHATE.—There is still an extreme shortage of auxiliary chemicals used in the manufacture of calcium-acid phosphate, and quantities are coming forward very slowly, so that disappointment is being caused to consumers. There are offers for forward delivery at 140l. per ton.

CAMPOR (REFINED) is quieter, with spot sales of Japanese slabs at 6s. 6d. to 6s. 9d. English refiners have raised the price of bells to 5s. 1d. and flowers to 5s. per lb., but these rates are nominal, and only very restricted quantities can be sold; tablets are worth fully 6s.

CANARY-SEED is firm at 350s. to 362s. 6d. per quarter for ordinary to good Morocco, and 370s. to 390s. for fair to good bold Spanish.

CARAWAY-SEED is scarce, and 240s. is asked for the small quantity available on passage from Tunis.

CASCARA SAGRADA.—The 'Frisco agents of a London firm write that the "market is extremely firm and the crop is hardly over 50 per cent. of the previous year, while it is very likely that the peel in 1919 will be smaller in consequence of the scarcity of labour; therefore we believe cascara will have an advancing tendency, even if nothing can be shipped to Great Britain, where, we presume, stocks are nearly exhausted. The freight-rate is \$13(=165s.) c.i.f. London, but shipment very precarious." Small spot (London) sales have been made at from 200s. to 210s. per cwt.

CASSIA LIGNEA.—A licence is now required to import, the spice having been placed on the list of prohibited imports. Spot prices are firmer, with sales of selected at 135s. to 137s. 6d. per cwt.

CASSIA OIL is firmer, with spot sales of 80 to 85 per cent. c.a. at 8s. to 8s. 3d.

CITRATES have been advanced in sympathy with citric acid, potash being 4s. 8d. and sodium 3s. 6d. per lb. Ferri ammon. cit. and ferri quin. cit. are both difficult to obtain from the makers owing to Government demands.

CITRIC ACID has been in good demand, principally for export, and prices have advanced a further 3d. per lb. from 4s. 6d. to 4s. 9d. having been paid for spot parcels during the week. The Italian market remains strong, the price in that country being equivalent to about 4s. 9d.

CLOVES have been quiet, with sellers of fair Zanzibar at 3s. on spot.

COLOCYNTH.—Small sales of good pale Syrian apple have been made at 1s. 6d. per lb., being higher.

COPPER SULPHATE is a waiting market, but the tone is inclined to be firm, Liverpool f.o.b. terms ranging from 65l. per ton upwards, less 5 per cent. We stated recently that it was understood that arrangements were practically concluded in regard to French needs for the new season, and we now hear that more progress has been made in this direction, while some additional business is in the course of being negotiated for export. Political developments in the Near East may perhaps have some bearing on future trading. Home trade remains quite listless at the fixed price of 52l. per ton net, delivered at works.

CORIANDER-SEED is steady, with business in old crop Morocco at 58s. to 59s. per cwt.; for new crop the quotation is 67s. 6d. per cwt.

CREAM OF TARTAR is unchanged at from 415s. to 425s. per cwt. for 99 to 100 per cent. powder.

CUMIN-SEED is firm at 57s. 6d. to 60s. per cwt. for fair to good Morocco.

DILL-SEED is very firm, with business at 63s. to 65s. per cwt. for ordinary to good clean.

ETHYL SALICYLATE is cheaper at 5s. per lb. net on spot.

FARINA is dearer, with spot sales of Japanese No. 1 at from 37s. 6d. to 90s., and forward business includes October-December at 86s. 6d. to 87s. 6d. per cwt. c.i.f.

FENUGREEK-SEED.—A good business has been done at 47s. to 48s. per cwt. for new crop Morocco, being slightly easier.

GLUCOSE.—Still very scarce, with a limited quantity offered for delivery this month at 125s. per cwt.

HONEY is still as scarce as ever, and extreme prices are being paid for anything available, the sales including Cuban up to 215s. A fair amount of Chilean is close at hand.

INSECT-FLOWERS are much dearer than when we last quoted, good closed Japanese realising 195s. and half-closed 185s. per cwt. on the spot.

LEAD ACETATE is very scarce, owing to the shortage in acetic acid; white is quoted at 165l., grey at 145l., and brown at 140l. per ton in casks, on Class "A" or "P5" certificates.

LEMON OIL remains firm at from 5s. 3d. to 5s. 6d. per lb. on the spot, as to seller.

LITHOPONE is offered at the easier rate of 59l. per ton for white American on the spot.

MENTHOL is firm, with spot sales of Kobayashi-Suzuki at from 18s. 9d. to 19s., value closing at the latter price on Wednesday.

MINT OIL.—Last week the market closed with sales of Japanese dementholised (Kobayashi-Suzuki) at from 6s. 9d. to 7s. 1½d., and this week a good business has been done at from 7s. to 7s. 3d., closing buyers at 7s.

OILS, ESSENTIAL.—The following are current spot quotations: *Bergamot* (38 to 39 per cent. esters), 24s. 6d. to 25s.; *Ceylon Citronella*, in small drums, 3s. 9d.; *African Geranium*, 32s.; *Bourbon*, 27s.; *French Lavender*, 23s. to 24s.; *French Spike*, 7s.; *Spanish*, 4s.; *pure Neroli*, 28s. 6d. per oz.; *Paraguayan Petitgrain*, 18s.; *Sandalwood*, 50s.; and *red Thyme*, 9s. per lb.; *West Indian distilled Lime*, 7s.

OILS (FIXED).—In further reference to the paragraph on page 44 of last week's issue dealing with the sale of olive oil by pharmacists, a slight inaccuracy crept into the statement that "sesame oil, nut oil, cottonseed oil, and rape oil are released for use in the manufacture of pharmaceutical preparations." It appears that supplies of nut, cottonseed, and rape oils have not been released to wholesale druggists for pharmaceutical purposes, wholesale druggists having been required to take their total requirements of these three oils in sesame oil, as these oils are practically interchangeable for pharmaceutical purposes with sesame oil. This arrangement has been in force for some little time, and has worked well.

OXALIC ACID is steady at 1s. 5d. to 1s. 5½d., delivered London.

PEPPER.—Black is lower, fair Singapore offering at 1s. 11d., with sales therat, Tellicherry at 2s. 1d., and Aleppy at 2s. 0½d., all on spot. White is also cheaper, Muntok offering at 3s. 7d., and to arrive 3s. 5d. c.i.f. London has been paid; sellers of fair Singapore on spot quote 3s. 7½d.

PEPPERMINT OIL.—Finest American in tins is now worth 27s. to 28s. on the spot, with stock extremely limited. The position is still under control in the U.S.A., but there seems an element of risk in the situation if the Government should decide to take action to dissolve the "trust."

PEPSINS are getting very scarce on spot, and prices are rising.

PHENACETIN is dearer at from 19s. 6d. to 20s. per lb., as to quantity. The imports appear to have stopped entirely.

PHENAZONE.—Very small supplies appear to be coming forward from Switzerland, and the spot supplies are inadequate to meet the demand, so that the market remains quite firm at 50s. per lb. We note that the price in the U.S.A. is \$20 per lb.

PIMENTO cannot now be imported except under licence. The spot market is dearer in consequence. Business was done at the close of last week at 62½d., but this week sales have been made up to 7½d. per lb.

POTASH IODIDE of Japanese make just landing is offered at 13s. 9d. per lb. net.

POTASH METABISULPHITE is offered at 235s. per cwt. in small crystals.

POTASH PERMANGANATE.—Some parcels of Japanese close at hand are offering at from 12s. to 12s. 6d. per lb., but for actual spot up to 14s. 6d. is asked.

QUININE.—The s.s. *Antilocus* (not *Antilocai*), referred to in last week's issue as having arrived, is not expected to do so for several weeks yet. There is therefore no relief to the situation at the moment, and for small lots in dealers' hands from 5s. 3d. to 5s. 6d. per oz. is being paid.

SACCHARIN.—The easier tendency noted last week is still evident, American 550 pure being obtainable at from 375s. to 380s. per lb. duty paid on the spot.

SAFFRON is still rising, genuine Valencia (B.P.) being quoted at 57s. 6d. net.

SALICYLATES remain quite firm, the price of salicylic acid being 4s. 9d. to 5s. and sodium salicylate 6s. to 6s. 3d.

SCAMMONY-ROOT.—Mexican is offered at from 125s. for 12 to 13 per cent., and at 145s. for 18 to 19 per cent. resin, on the spot.

SENEGA is still offered at 8s. per lb. on the spot; the usual autumn demand is shortly expected.

SHELLAC is quiet and unchanged, with usual standard quality TN Orange offering at from 335s. to 340s., and fine at 355s.; cakey AC Garnet is 325s. to 330s., and pure Button 345s. To arrive TN Orange is quoted at 305s. c.i.f., and AC Garnet at 310s. c.i.f.

SODA ACETATE is rather dearer at 133l. per ton for small crystals.

SODA HYPOSULPHITE is easier, with commercial offering at 45l. per ton for prompt delivery.

SODA PHOSPHATE is very firm, commercial crystals (97 to 100 per cent.) offering at 90l. per ton for forward, and contracts are being made for delivery well into next year.

SULPHONAL can still be bought at 100s., although one holder asks 105s. per lb.

TARTARIC ACID remains firm at from 3s. 18d. to 3s. 9d. per lb. on the spot.

TURPENTINE is firmly held at 105s. per cwt. net, ex wharf London, for delivery of American and French spirit combined, in accordance with the regulations, the official rate being readily paid. American quotations have fluctuated, chiefly in an upward direction, probably largely under the influence of the further excited rise in resin.

ZINC OXIDE.—Supplies all round are very limited, and the negotiation of business is hardly sufficient to test prices. These range nominally from about 75l. for foreign low grades up to 100l., and even more for best material. American exports have continued on a fair scale, and the tendency on the other side is very firm owing to increased Government needs.

Eucalyptus Oil.

The impossibility of securing shipping-space for eucalyptus oil during the last six months for exportation was mentioned in the Australian House of Representatives in June last, it being stated that while there was an almost unlimited demand for the oil, the numerous distillation establishments in Victoria would have to close down within the next two or three weeks unless they could export their product. The Government were requested to cable the military authorities to put eucalyptus oil on the priority list, or to allow the stocks that have accumulated during the last six months to be exported.

Danish Sunflower Oil.

According to the "Tidskrift for Industrie," the Aarhus oil factory has for some years been conducting experiments with the seeds of sunflowers which are grown in Langeland and Jutland. With the prices then obtaining, however, the production of oil from sunflower-seeds was not remunerative, but now the position has entirely altered. At the present time there exists in Denmark a particular strain of seed which is sufficiently acclimatised and will provide enough sowing for from 1,500 to 2,000 tønner (tønne = 24 acres). As the normal yield amounts to about 1,000 kg.

seed to the tönne, this year's sowings are expected to yield 2,000 tons of seed, which corresponds with 350 tons of oil and about 1,550 tons of oil cake and oil waste. While the two latter products are used for fodder, the oil, after refinement, forms an excellent salad oil. Apart from the development of the cultivation of mustard-seeds, the attempts to extend that of sunflowers deserves careful attention.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the Ports of London and Liverpool:

<i>To London</i> (September 14 to 20). Bronze powder, 8 cs. Casein, 8,500l. Chemical products, etc., unrated, 40 cs. 40 cks. 17 brls. Alum, 20 cks. Argol, 291 bgs. 804 pkgs. Arsenic, 100 cs. Boric acid, 290 cks. Bromides, potash, 11 cs. Calcium citrate, 40 cks. 5 bgs. Citric acid, 8 cks. Cream of tartar, 64 pkgs. Potash carbonate, 420 cs. Potash iodide, 15 cts. Saltpetre, 4,100 cwt. Soda, unrated, 10 cwt. Tartaric acid, 20 cks. Verdigris, 4 cks. Drugs, etc., unrated, 2,988l. and 5 cs.; leaves, dried, 28l.; ointment, 60l. Anise oil, star, 300 cs. Buchu, 10 bls. Camphor, 644 cs. Camphor oil, 250 cs. Eucalyptus oil, 22 cs. Fennugreek - seed, 1,705 bgs. Galls, 1,800l. and 200 cwt. Gamboge, 3 cs. Henbane, 9 bls. Henna powder, 11 bgs. Hepatica - leaves, 4 bgs. Insect-flowers, 10 bls. Insect-powder, 22 cs. Manna, 2 x 1/2 cs. Menthol, 157 cs.	Orris, 32 bls, 62 pkgs. Senna, 22 bls. Uva-ursi leaves, 9 bls. Dyeing, tanning materi- als, etc., un- rated, 40 bgs, 74 pkgs.; gambier, 537 cs.; myrobalsans, 3,400 pockets; myro- balan ext., 64 cks.; tanners' bark, 1,025 tons. Gelatin, 915l. Loofahs, 908l. Perfumery, unrated (mostly raw materi- als), 920l.; toilet- powder, 372l. Plumbago, 1,737 bgs. 942 brls. 6 cks. Pumice-stone, 51 tons Starches (cwt.): farina (potato starch), 48,103; wheat, 2,360 Talc, 1,782l.; stearite, 200l. Wax, bees', 40 bgs; Wax, carnauba, 203 bgs. Wax, fish, 600 cs. Wax, sperm whale, 75 bgs. Wax, vegetable, 2,107 cs. Zinc oxide, 6 cs.	Formic acid, 28 cks. Hexamine, 71 drms. 31 kgs. Hydroquinone, 18 brls. Methyl salicyl., 66 cs. Phenolphthalein, 1 cs. Resorcin, 2 cs. Tannic acid, 18 cs. Tartar emetic, 9 cks. Drugs, etc.: Aloes, 50 cs. Blood-root, 7 bgs. Camphor, 30 cs. Cascarilla, 264 bls. Cinchona, 40 pkgs. Cochineal, 6 kgs. Ipecacuanha, 10 bls; Liquorice-root, 557 bls. Menthol, 62 cs. Poke-root, 10 bgs. Sarsaparilla, 70 bls. Scammony-root, 250 bgs. Dyes, dyeing and tanning materials, etc.: creosine scar- let, 1 keg.; direct violet, 1 keg.; scarlet, 1 keg.; cutch, 500 bgs.; myrobalsans, 2,156 bgs.; sumach, 600 bgs. Lithopone, 175 brls. Pimento, 1,011 bgs. Plumbago, 850l. and 150 cks. 592 bgs. Pumice-stone, 100 bgs. Starches (bags), 134; dextrin, 471 bgs.; farina (potato starch), 5,426 bgs. 23 cs. Wax, paraffin, 384 brls.; scale, 4,430 brls. Wax, vegetable, 313 cs. Zinc dust, 26 tons
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To Liverpool

(September 16 to 21).

Bronze powder, 672l.
Casein, 400 bgs.
Chemical products, etc.,
unrated, 455 cks.
Acetanilide, 28 brls.
Antimony salts, 12
cks.
Bromides; ammon.,
40 cs.; potash,
10 cs.; sodium,
20 cs.
Cream of tartar, 12
cks.

Dyestuffs, tanning materi-
als, etc., unrated,
159 pkgs.; cutch,
400 bgs.; myroba-
lans, 19,193 pockets;
myrobalsan ext.,
2,548 bgs.; tanners'
bark, 25 tons
Gelatin, 500l.
Loofahs, 80l.
Perfumery (mostly
raw materials), un-
rated, 2,698l.; toilet-
powder, 652l.
Plumbago, 90 cs.
Pumice-stone, 35 tons
Soap, toilet, 18l.
Starches (cwt.): far-
ina (potato starch),
14,214; wheat, 40
Talc, 113l.
Wax, bees', 316 bgs.
Wax, fish, 500 cs.
Wax, paraffin, 11,090
cwt.
Wax, vegetable, 650
cs.

To Liverpool

(September 23 to 28).
Chemicals, etc., un-
rated, 11 pkgs.
Argol, 872 bgs.



"Division of the Minor."

SIR,—For many years the subject of the division of the Minor examination has been debated, and it seems now time that the matter should have the serious consideration of the Pharmaceutical Society. I certainly think that if a student passes his "Practical," or first day, he should be exempted from again attending for this work; and, further, if he gain full marks in any of the theoretical subjects they should be credited to him, in case of failure, for any future examination, as in the Preliminary and also in the Medical. It is hoped that within a short time many chemists will be returning home from this terrible war, and it would be a great encouragement to those who are taking up the Qualifying examination to know that should they fail in theory alone the subjects could be revised at home, or after business hours and without further unnecessary College fees and living expenses, otherwise they may well think, "Is the business worth it?"—Yours faithfully,
A. J. FRANKLIN.
Brighton.

"Lest we Forget."

SIR,—I hope you will peg away at the Society until they strike off their roll all German honorary members as a punishment for the use in warfare of poisonous gases. I would suggest also that all German names, such as Gram's Solution, Giemsa Method, Ehrlich Stain, etc., etc., should be replaced by English names in our text-books on chemistry and allied sciences. Above half the research work of Germans is bluff and humbug. Let us keep work and books clean from such soulless names, so that the next generation of chemists may not be contaminated or hindered in their progress by Hun owners of poison-gas factories.
Yours truly,
428 West Green Road, London, N. W. E. MEATS.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Showcard-glazing.

J. W. H. D. (141/74) asks for suggestions as to a substitute for ox-gall employed to prevent gelatin-coated paper from adhering to the plate-glass. The objection to ox-gall is its dark colour, which is apt to degrade the whites of fine work.

"Necessity the Mother of Invention."

A Correspondent (21/8), who is engaged in retail pharmacy, relates how he was compelled while on duty to fall back on his store of scientific knowledge (sadly neglected since he obtained his "Minor") in order to generate a flame to ignite a spirit-stove. He hit upon a successful extemporaneous plan of mixing a small quantity of potassium chlorate with a now rather scarce "carbohydrate" and then touching the mixture, previously placed on an ointment-slab, with a rod dipped in sulphuric acid.

Populus vult decipi; decipiatur.

"The price of my fever-cure for years has been 10½d., but it has always been an uphill struggle to sell it in competition with a certain well-known proprietary make. During the recent influenza epidemic the demand for the proprietary brand has been terrific. Now, as mine was only 10½d. and the other was 1s. 3d., it could not possibly be as good, could it? That's how Bromwich people argue. As an experiment, I raised the price of mine to 1s. 6d. to see if the argument worked both ways, and, strangely enough, I found it did. As mine is now 1s. 6d., it must be better!"—C. W. Kemsey-Bourne (West Bromwich).

Baku Oil Springs.

Mr. L. A. Mills, 275 Coventry Road, Small Heath, Birmingham, writes: "Regarding your observations in connection with the Baku oil springs, the antiquity of the oil springs in this region is further proved by M. Rollin, a French historian, in his 'Ancient History,' where in Liber XV., Section 9, he mentions an incident intended, I suppose, more for the amusement of Alexander the Great, at a place called Memnis, where was in those days, in a cave, a celebrated fountain of inflammable oil."

THE question of the Government control of candles and soap is being considered, says an official of the Ministry of Food.—*Daily Mail*.

A REUTER'S telegram states that the epidemic of "flu" in Sweden has resulted in a very great shortage of salicylic acid, aspirin, and other febrifuges.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

Etite (189/73).—WHOLESALE DEALING IN POISON.—The Pharmacy Acts do not impose any restrictions as to what class of persons wholesalers may sell poisons to. The sale must, however, be in the ordinary course of wholesale dealings—i.e., to retailers.

Staffs (186/38).—METHYLATED SPIRIT IN PRESCRIPTIONS.—A licence to retail methylated spirit is not required in the case of "liniments and lotions prepared with mineralised methylated spirit prescribed by medical practitioners and dispensed by chemists who are not licensed to retail methylated spirits."

T. P. O. (185/34) is a chemist's assistant, and has for some years past, in his spare time, manufactured toilet-preparations for another firm. Having recently received orders from other firms, he proposes to take premises and start a business on his own account in his own name, at the same time continuing to act as assistant to his present employer. Is there any legal objection to his adopting the course suggested? [Provided the terms of his agreement with his employer do not debar him from engaging in an independent business, and his duties as assistant are not in any way affected, we see no legal objection to "T. P. O." conducting a business of his own in his spare time.]

Events (186/50).—MILITARY SERVICE.—Your last medical examination will in no way affect your present certificate of exemption. So long as you are included in list "A" you will not be disturbed, but it is, of course, open to the National Service Representative to give you notice to appear before the Tribunal for that area, with a view of your certificate being withdrawn. A certificate granted by a Tribunal can only be withdrawn by a Tribunal after due notice has been given to the holder. You still fulfil the conditions of your exemption, but now belong to another area. We advise you to write at once to the National Health Insurance Commission, Buckingham Gate, London, S.W. 1, and ask them to bring the facts before the notice of the "B" Insurance Committee, who will, after consulting with the local Pharmaceutical Committee for area "B," no doubt be able to persuade the National Service Representative for that area to place you on the agreed list for "B." If the certificate granted by "A" Tribunal is withdrawn, another application can be made to the "B" Tribunal, who will consider the same in the light of the new circumstances, and there should be no difficulty in obtaining exemption.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how.

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

D. G. (189/46).—COMMERCIAL "STEARINE" is a mixture of free stearic and palmitic acids, obtained by the saponification of the neutral fats. Real stearin is glyceryl stearate. The melting-point of stearin is 71.6° C., of stearic acid 69.3° C.

G. T. (17/28).—(1) BREWERS' YEAST is a by-product in the brewing of beer, but bakers sometimes prepare what is known as "Patent Yeast" by the following process:

Hops	...	...	...	3 oz.
Crushed malt	...	...	...	3½ lb.
Water	...	...	...	4 gals.

The crushed malt is mixed with the clear infusion from the hops while warm, and allowed to stand to grow the yeast. Sometimes brown sugar and ginger are added, the various flavours of bread being often due to the kind of yeast employed. (2) FININGS.—A paper on the various kinds of finings was given in the *C. & D.*, January 27, 1906, p. 147, but subsequently a correspondent recommended the following recipe as one which he had used for years and found successful:

Cover 1 lb. of genuine isinglass with cold water, then add 4 oz. of tartaric acid; cover over and let stand for twenty-four hours, adding water if needed, and stirring until all the isinglass is dissolved; then strain. For use, 2 pints of the liquid is required to 30 gals. of the liquid it is intended to clarify. The finings should be well mixed in by means of a whisk.

T. E. B. (185/22).—PURIFYING BEESWAX.—The different methods employed for separating wax from its impurities are processes of melting the wax at as low a temperature as possible and allowing the impurities to settle out. Boiling with soft water is perhaps the easiest. By this method the wax, enclosed in canvas bags and kept beneath the water by means of weights, is boiled gently with water for about half an hour, when the wax will have melted, percolated through the canvas, and risen to the surface, leaving the *débris* inside the bag. The bag is finally squeezed between boards to press out the residue.

J. F. G. (178/19).—BACON-CURING.—The modern process of curing bacon consists partly in injecting pickle into the side and partly in drysalting it. A representative recipe for pickle is:

Salt	...	...	...	...	100 lb.
Saltpetre	...	...	...	...	10 lb.
Sugar	...	...	...	...	10 lb.
Boric acid	...	...	...	...	10 lb.

Dissolve in 40 gals. of water and use the clear portion.

The curing takes place in a cool cellar; the sides are laid on the salting-bench and the back trotters sawn off at the hock-joint. The blade-bone pocket is then filled with dry salt, and then the pickle is injected by means of a pump and needle, at a pressure of between 40 and 60 lb. per square inch. The number of injections in a side is from ten to sixteen, well distributed. After this the whole side is moistened with the pickle by means of a soft-haired brush, and then the lower part of the hollow side is filled with pickle, the rest being given a sprinkling of saltpetre and covered with a light layer of salt. The sides are piled on top of each other and allowed to remain for from eight to nine days. Then the pickle is drained off and loose salt removed, after which the sides are washed with water containing an antiseptic, dried, and wrapped.

L. S. B. (168/66).—CHOCOLATE.—The following formulas, sent by a correspondent, will give you an idea of the composition of milk chocolate:

I.		II.	
Powdered milk	... 13 lb.	Powdered milk	... 45 lb.
Sugar	... 15 lb.	Sugar	... 60 lb.
Cocoa-powder	... 7½ lb.	Trinidad cocoa	... 22½ lb.
Cocoa-butter	... 7½ lb.	Ariba cocoa	... 22½ lb.
Almonds	... 2½ lb.	Ceylon cocoa	... 15 lb.
Burnt sugar	... 7½ lb.	Cocoa-butter	... 7½ lb.
Vanilla	... ½ lb.	Filberts	... 7½ lb.
		Melted sugar	... 15 lb.
		Vanilla	... ¾ lb.

The blending of the ingredients is an important operation; it is managed by passing the mass repeatedly through granite rollers until it is perfectly homogeneous.

W. & Co. (191/3).—Dusting with powdered aniline violet is used as a silent detector in cases where unauthorised persons attempt to tamper with money-drawers, etc.

Nemo (180/45).—PROPRIETARY MEDICINES CONTAINING POISONS.—It is, generally speaking, only the makers of proprietary medicines who can state definitely whether their preparations contain poisons, and what proportion. Analysis is not always a safe guide in the case of complex organic mixtures.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Oct. 15, 1868.

Opening of the School Session.

On Wednesday night, October 7th, at 8.30 P.M., the prizes will be distributed to the successful competitors by the President, Mr. G. W. Sandford. . . . In the course of the evening, an inaugural address will be delivered to the school by Mr. H. B. Brady, of Newcastle. Ladies will be admitted. We congratulate the Society on having, though late, followed in the wake of other learned associations. We hold firmly that it would be a dark day when our scientific meetings should slide into tea and toast, but there are occasions (and this is one of them) when home influences should not be neglected. There is no student worth his salt who would not attach a higher value to a smile and kindly greeting from those he loved than to the best eulogium that might be officially pronounced. It rests with pharmacutists to render the experiment a success or failure; let them demonstrate by the presence of their fair companions that the idea has not been utopian. Surely those who, of late, have sunk their personal differences, in order to advance the general good, will not be wanting, when required, to adduce a practical illustration that sweet faces and approving gentle eyes afford more encouragement than a sparse audience, and empty benches.

NOW ON THE P.A.T.A.

“Condyl's Crystals”

(NO POTASH.—ALL-BRITISH).

Being **CONDY'S FLUID**, desiccated.

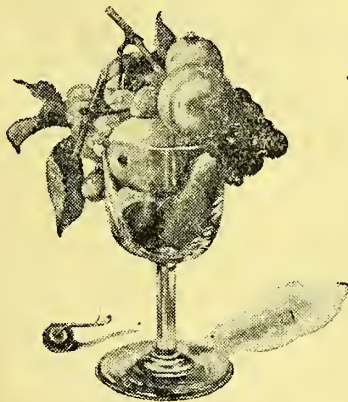
Condyl's Crystals are put up in bottles to retail at 1/3 each (P.A.T.A.).

They are Stocked by all the leading Wholesale Houses.

Condyl's Crystals are Used at the Front, by Travellers, and by all who would avoid carrying liquids.

Proprietors : **CONDY & MITCHELL, Ltd.,****Condyl's Fluid Works, 65 Goswell Road, London, E.C.***Government regulations do not prevent NEWMAN'S FORT-REVIVER being sold and consumed at all hours.*

FORT-REVIVER

FORTIFIES & REVIVES**Luscious, Fresh and British.***A LIQUEUR TONIC*
The Stimulant that Sustains

FORT-REVIVER is a most beneficial stimulant and has wonderful fortifying and reviving powers. Its effects are almost instantaneous, and they do not pass away. Those who take it regularly will be taking care of their health as well as consulting their pleasure.

Entirely British Made and Non-alcoholic*Wholesale price to the Trade only.*

50/- per case, large size bottles.

36/- „ „ smaller „

Minimum retail price.

5/6 per large size bottle.

3/9 „ „ smaller „

For full particulars apply to H. & C. NEWMAN, London Office, 41/42 Upper Rathbone Place, W.1.

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Staffs (186/38).—METHYLATED SPIRIT IN PRESCRIPTIONS.—A licence to retail methylated spirit is not required in the case of "liniments and lotions prepared with mineralised methylated spirit prescribed by medical practitioners and dispensed by chemists who are not licensed to retail methylated spirits."

T. P. O. (185/34) is a chemist's assistant, and has for some years past, in his spare time, manufactured toilet-preparations for another firm. Having recently received orders from other firms, he proposes to take premises and start a business on his own account in his own name, at the same time continuing to act as assistant to his present employer. Is there any legal objection to his adopting the course suggested? [Provided the terms of his agreement with his employer do not debar him from engaging in an independent business, and his duties as assistant are not in any way affected, we see no legal objection to "T. P. O." conducting a business of his own in his spare time.]

Events (186/50).—MILITARY SERVICE.—Your last medical examination will in no way affect your present certificate of exemption. So long as you are included in list "A" you will not be disturbed, but it is, of course, open to the National Service Representative to give you notice to appear before the Tribunal for that area, with a view of your certificate being withdrawn. A certificate granted by a Tribunal can only be withdrawn by a Tribunal after due notice has been given to the holder. You still fulfil the conditions of your exemption, but now belong to another area. We advise you to write at once to the National Health Insurance Commission, Buckingham Gate, London, S.W. 1, and ask them to bring the facts before the notice of the "B" Insurance Committee, who will, after consulting with the local Pharmaceutical Committee for area "B," no doubt be able to persuade the National Service Representative for that area to place you on the agreed list for "B." If the certificate granted by "A" Tribunal is withdrawn, another application can be made to the "B" Tribunal, who will consider the same in the light of the new circumstances, and there should be no difficulty in obtaining exemption.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

D. G. (189/46).—COMMERCIAL "STEARINE" is a mixture of free stearic and palmitic acids, obtained by the saponification of the neutral fats. Real stearin is glyceryl stearate. The melting-point of stearin is 71.6° C., of stearic acid 69.3° C.

G. T. (17/28).—(1) BREWERS' YEAST is a by-product in the brewing of beer, but bakers sometimes prepare what is known as "Patent Yeast" by the following process:

Hops	...	...	...	3 oz.
Crushed malt	...	...	...	3½ lb.
Water	...	...	...	4 gals.

The crushed malt is mixed with the clear infusion from the hops while warm, and allowed to stand to grow the yeast. Sometimes brown sugar and ginger are added, the various flavours of bread being often due to the kind of yeast employed. (2) **FININGS.**—A paper on the various kinds of finings was given in the *C. & D.*, January 27, 1906, p. 147, but subsequently a correspondent recommended the following recipe as one which he had used for years and found successful:

Cover 1 lb. of genuine isinglass with cold water, then add 4 oz. of tartaric acid; cover over and let stand for twenty-four hours, adding water if needed, and stirring until all the isinglass is dissolved; then strain. For use, 2 pints of the liquid is required to 30 gals. of the liquid it is intended to clarify. The finings should be well mixed in by means of a whisk.

T. E. B. (185/22).—PURIFYING BEESWAX.—The different methods employed for separating wax from its impurities are processes of melting the wax at as low a temperature as possible and allowing the impurities to settle out. Boiling with soft water is perhaps the easiest. By this method the wax, enclosed in canvas bags and kept beneath the water by means of weights, is boiled gently with water for about half an hour, when the wax will have melted, percolated through the canvas, and risen to the surface, leaving the *débris* inside the bag. The bag is finally squeezed between boards to press out the residue.

J. F. G. (178/19).—BACON-CURING.—The modern process of curing bacon consists partly in injecting pickle into the side and partly in drysalting it. A representative recipe for pickle is:

Salt	...	...	...	...	100 lb.
Saltpetre	...	...	...	...	10 lb.
Sugar	...	...	...	...	10 lb.
Boric acid	...	...	...	...	10 lb.

Dissolve in 40 gals. of water and use the clear portion.

The curing takes place in a cool cellar; the sides are laid on the salting-bench and the back trotters sawn off at the hock-joint. The blade-bone pocket is then filled with dry salt, and then the pickle is injected by means of a pump and needle, at a pressure of between 40 and 60 lb. per square inch. The number of injections in a side is from ten to sixteen, well distributed. After this the whole side is moistened with the pickle by means of a soft-haired brush, and then the lower part of the hollow side is filled with pickle, the rest being given a sprinkling of saltpetre and covered with a light layer of salt. The sides are piled on top of each other and allowed to remain for from eight to nine days. Then the pickle is drained off and loose salt removed, after which the sides are washed with water containing an antiseptic, dried, and wrapped.

L. S. B. (163/66).—CHOCOLATE.—The following formulas, sent by a correspondent, will give you an idea of the composition of milk chocolate:

I.		II.	
Powdered milk	... 18 lb.	Powdered milk	... 45 lb.
Sugar	... 15 lb.	Sugar	... 60 lb.
Cocoa-powder	... 7½ lb.	Trinidad cocoa	... 22½ lb.
Cocoa-butter	... 7½ lb.	Ariba cocoa	... 22½ lb.
Almonds	... 2½ lb.	Ceylon cocoa	... 15 lb.
Burnt sugar	... 7½ lb.	Cocoa-butter	... 7½ lb.
Vanilla	... ½ lb.	Filberts	... 7½ lb. in
		Melted sugar	... 15 lb.
		Vanilla	... 2 lb.

The blending of the ingredients is an important operation; it is managed by passing the mass repeatedly through granite rollers until it is perfectly homogeneous.

W. & Co. (191/3).—Dusting with powdered aniline violet is used as a silent detector in cases where unauthorised persons attempt to tamper with money-drawers, etc.

Nemo (180/45).—PROPRIETARY MEDICINES CONTAINING POISONS.—It is, generally speaking, only the makers of proprietary medicines who can state definitely whether their preparations contain poisons, and what proportion. Analysis is not always a safe guide in the case of complex organic mixtures.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Oct. 15, 1868.

Opening of the School Session.

On Wednesday night, October 7th, at 8.30 P.M., the prizes will be distributed to the successful competitors by the President, Mr. G. W. Sandford. . . . In the course of the evening, an inaugural address will be delivered to the school by Mr. H. B. Brady, of Newcastle. Ladies will be admitted. We congratulate the Society on having, though late, followed in the wake of other learned associations. We hold firmly that it would be a dark day when our scientific meetings should slide into tea and toast, but there are occasions (and this is one of them) when home influences should not be neglected. There is no student worth his salt who would not attach a higher value to a smile and kindly greeting from those he loved than to the best eulogium that might be officially pronounced. It rests with pharmacutists to render the experiment a success or failure; let them demonstrate by the presence of their fair companions that the idea has not been utopian. Surely those who, of late, have sunk their personal differences, in order to advance the general good, will not be wanting, when required, to adduce a practical illustration that sweet faces and approving gentle eyes afford more encouragement than a sparse audience, and empty benches.

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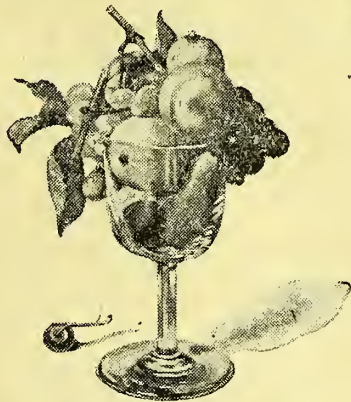
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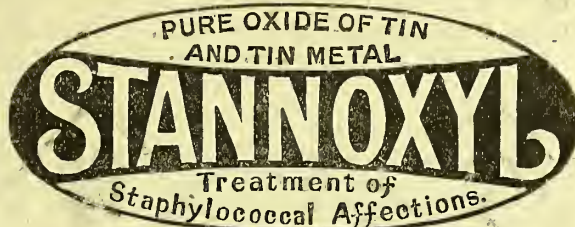
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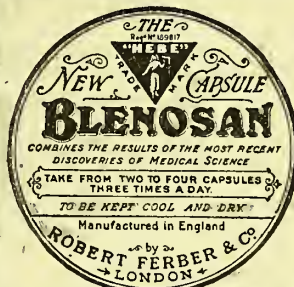
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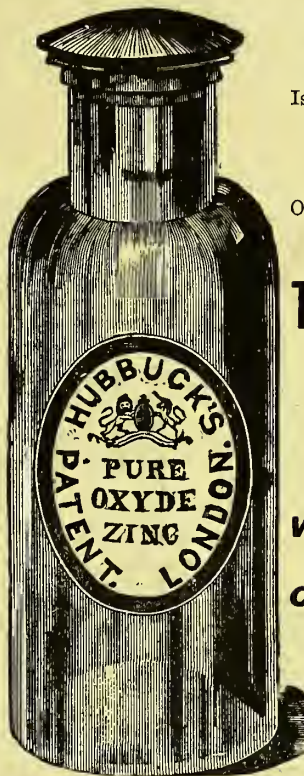
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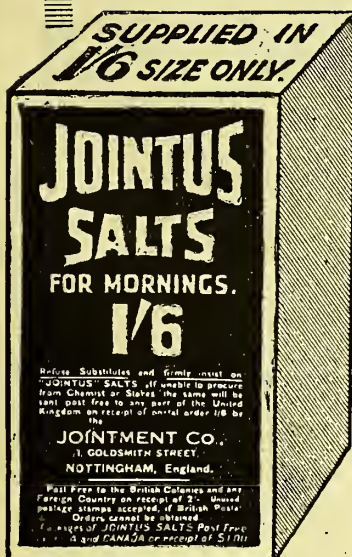
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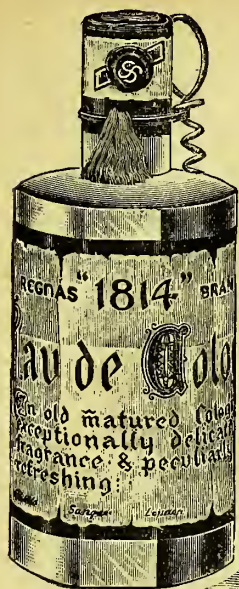
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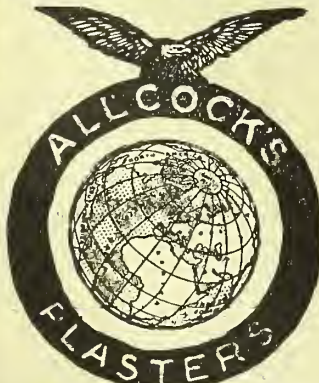
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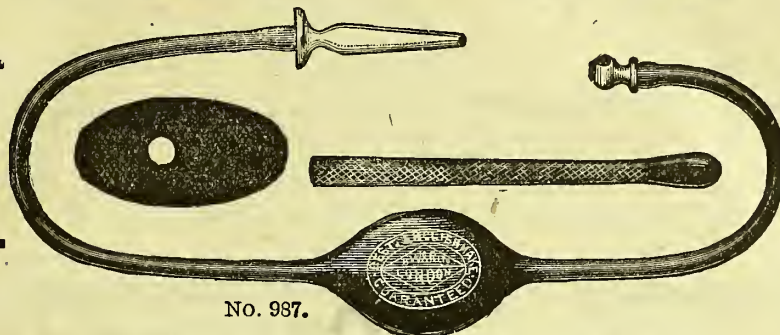
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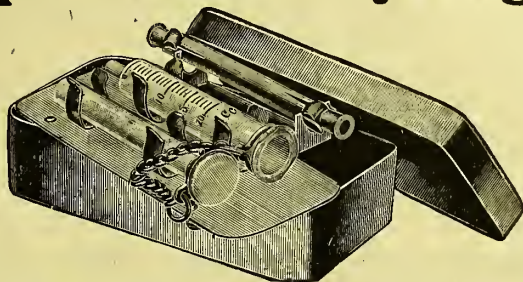
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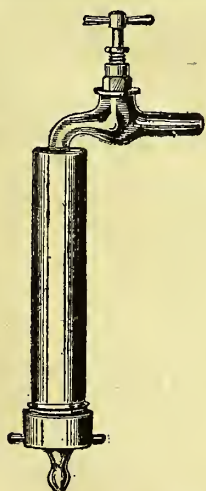
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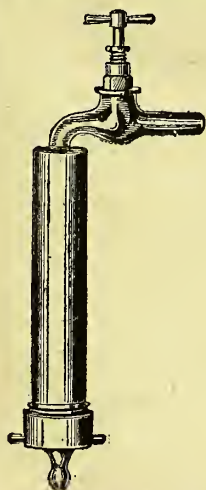
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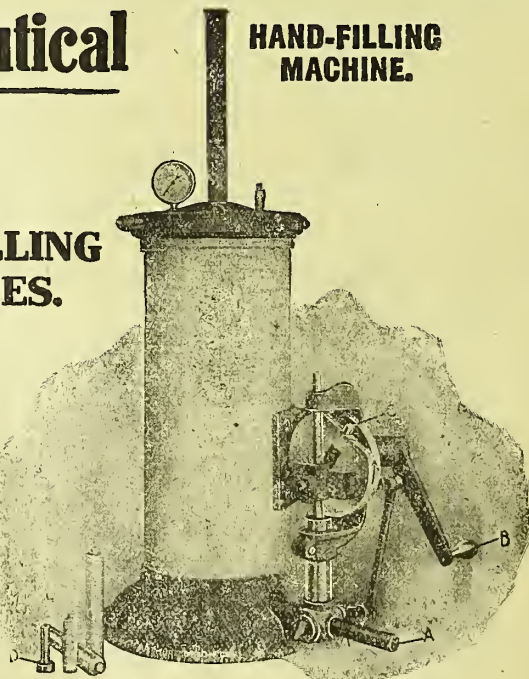
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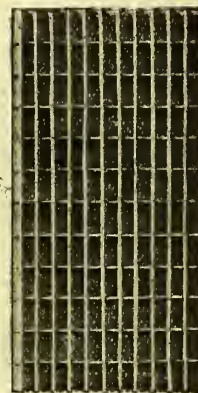
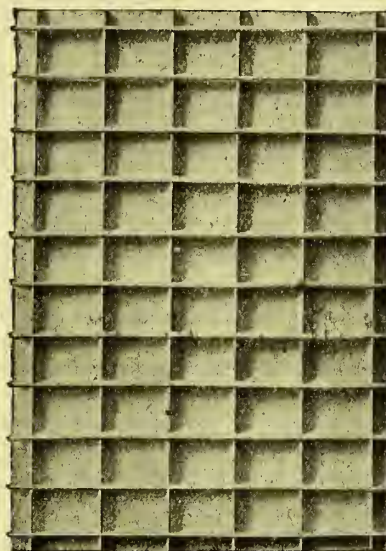
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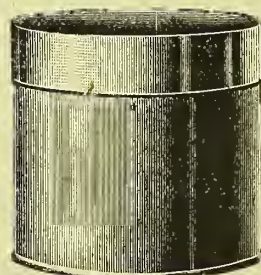
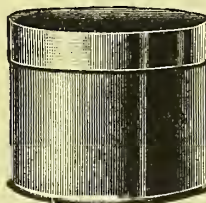
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QUALIFIED Locum wanted for one month from October 21st; Staffordshire; state salary required. Apply 31/22, Office of this Paper.

RELIABLE qualified Manager for high-class Dispensing and Retail business; ineligible for military service; permanency. State salary (outdoors) to 31/400, Office of this Paper.

REQUIRED, Dispenser (lady or gentleman) in a large West-End house; Minor qualifications preferred; competent, and good experience necessary; hours of work 8.45 to 6 o'clock, 1 o'clock Saturdays, no Sunday duty. Apply personally or by letter, with full particulars of past experience and salary required, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

REQUIRED, a fully-qualified Assistant; lady or gentleman; discharged or over military age. Apply with full particulars, stating salary, etc., to Longman, Chemist, Littlehampton.

REQUIRED, lady Assistant for Front Counter in a large West-End establishment, with good knowledge of Drugs and Toilet articles; good salary and commission on sales. Apply personally, or by letter, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

SURGICAL INSTRUMENT BUSINESS.—Assistant for Shop Counter; state age, other duties accustomed to, and wages expected. Reply "Surgical," Lee & Nightingale, Liverpool.

UNQUALIFIED Assistant, with good experience in the Retail, required for the Stocktakers' department of a large firm of Chemists (Retail); single man preferred; permanency, with excellent prospects. Apply 192/291, Office of this Paper.

UNQUALIFIED Assistant wanted, either sex, for Dispensing and Counter, National Insurance; permanency; in- or outdoors. State full particulars, with salary required, 186 Mare Street, Hackney.

UNQUALIFIED Counterman and Dispenser wanted, with knowledge of Photography; must be ineligible for military service; salary £3 15s. per week and commission. Apply "M." (30/38), Office of this Paper.

UNQUALIFIED Locum wanted for two months from October 7th; must be able to Dispense; state salary required; near Birmingham. Apply 31/220, Office of this Paper.

WANTED, qualified Assistant in eastern part of City; must be reliable, sober, etc.; five rooms over shop, or, if preferred, outdoors; state salary required; 9 to 8, close Thursdays. Also part-time Assistant. Apply 23/36, Office of this Paper.

WANTED, young Junior or Improver; one just leaving Apprenticeship will suit; outdoors; if with some knowledge of good agricultural business preferred. Full particulars to L. Rowland & Co., Chemists, Wrexham.

WANTED, a Locum for about three or four weeks from the middle of October; accustomed to Dispensing; £4 weekly; indoors. Apply to P. Stacey, Pharmacist, 81 High Street, Teddington, S.W.

WANTED, an experienced Assistant Dispenser (lady) at a Voluntary Hospital in Manchester; Minor qualifications; with board and residence. Address, stating salary required, age, and full particulars, with copies of not more than three testimonials, to 29/20, Office of this Paper.

WANTED, unqualified Assistant, about October 21st; discharged or low category; Dispensing and Light Retail business; easy hours. State references and salary required to Chettle, Clevedon, Somerset.

WANTED, competent Junior Assistant in good-class Dispensing business. Apply William Brown, 1 King's College Road, Hampstead, N.W. 3.

WANTED, capable lady Assistant for good-class Dispensing business; hours 9-8, Wednesday 9-1, Saturday 9-9; salary £2 5s. per week. Rutter, Chemist, Seaforth.

WHOLESALE.

MANCHESTER.—We have vacancy for an Assistant experienced in better-class Pharmacy; good Dispensing; hours 8.45 to 7, Saturdays 1 o'clock, no Sunday or Bank Holiday duty; £208; permanency. Write, in confidence, to Mr. Sprott, Midgleys, 4 Exchange Street, Manchester.

MANCHESTER.—Unqualified Assistant or Stockkeeper wanted; badged man preferred. Blain & Hankinson, Pharmaceutical Chemists (formerly Woolley's), 69 Market Street.

MANCHESTER.—Unqualified Assistant required in good-class City Dispensing business; short hours; permanency; 65s.

ASSISTANT Forewoman; supervise packing Toilet and Medical lines; practical worker with experience of control. Full particulars in confidence, and remuneration required, 23/39, Office of this Paper.

ANALYTICAL LABORATORY.—Assistants wanted; must be conversant with Volumetric work and preferably have knowledge of Pharmacy; £90 to £130. Box 661, Smith's Agency, Ltd., 100 Fleet Street, E.C. 4.

CELLARMAN wanted; accustomed to putting up heavy lines; Oils, Syrups, etc. State wages and experience, Gale & Co., Ltd., 15 Bouverie Street, E.C. 4.

CHEMIST, or man with Chemical knowledge, wanted for checking quality and tasting beverages in London Mineral Water Factory; good salary for suitable man. Write B. B., 18 Cornhill, E.C. 3.

FOREMAN required by a progressive firm of Manufacturing Chemists; applicants should have a knowledge of the manufacture of Malt Extract and Pharmaceutical products. Apply, stating experience, age, and salary required, to "A. B." (12/3), Office of this Paper.

INVOICE Clerk; married preferred. Particulars as to salary and experience to the Managing Director, Randall & Son, Ltd., Wholesale Druggists, Southampton.

LADY, with Chemical knowledge, Hall qualification preferred, to assist in Works Laboratory at Stratford, London; permanency. Write, stating age, experience, and salary required, to Z. W., 620, care Deacon's, Leadenhall Street, E.C. 3.

LONDON house requires experienced Laboratory Assistants for manufacture of Galenicals. Apply, giving full particulars of previous engagements, to "Kola" (193/22), Office of this Paper.

SAVORY & MOORE require a Forewoman in their factory; preferably one with some knowledge of lozenge-making, and can control girls. Apply Shipping Manager, 143 New Bond Street, W. 1.

SENIOR Invoicing Clerk required for London Wholesale Druggists; responsible position with good prospect; previous experience in pricing a recommendation. Full particulars to 187/50, Office of this Paper.

SMART Travellers required on good commission basis (£10-£20 weekly), to introduce a first-class repeater (Sugar Substitute); only those need apply who can sell on pro forma terms. Give full particulars and references, in strict confidence, to 29/9, Office of this Paper.

TABLET Maker or Granulator wanted; Liverpool; permanent post; good salary. Apply 137/18, Office of this Paper.

TRAVELLERS, calling on Chemists and Perfumers, required to sell on liberal commission terms, new and novel Toilet preparation. State, in confidence, houses represented and districts, 33/1, Office of this Paper.

WANTED, Representative for London; Midlands and Ireland; well introduced with the Wholesale trade of Chemical and Pharmaceutical products; offers useless without first-rate references. Chemical Works Madoery, Ltd., Basle, Switzerland.

WANTED, experienced Tablet Machinist. Apply W. B. Cartwright, Ltd., Tablet Makers, Rawdon, near Leeds.

WANTED (at once), Junior Assistant (ineligible) for Wet Counter. State age, references, and salary required, William Hay, Ltd., Manufacturing Chemists, Hull.

WET Counter; first hand; permanent situation. State age, experience, and wages required to Secretary, General Apothecaries' Co., Ltd., 49 Berners Street, W. 1.

WET and Dry Counter wanted by Wholesale house, London. State experience, previous engagements; and wages required to "Export" (193/220), Office of this Paper.

WHOLESALE London house requires Stockkeeper for bottle department; must have had good experience of Druggists' bottles of all descriptions. Apply by letter to "Class" (193/221), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

JAPAN.—Wanted immediately, an Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; must be ineligible for the Army. Send for full particulars, with photo, to J. W. Franklin, c/o Bailey's Hotel, Gloucester Road, S.W. 7.

PARIS.—Competent Dispenser; qualified preferred; male or female; outdoors; no Sunday duty. Write, giving particulars of age, experience and salary required, and enclose photo if possible, Roberts & Co., 5 Rue de la Paix, Paris.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

ADVERTISER, 33, Grade 3, desires change; used to control of business doing £2,000 a year; unqualified; not afraid of work. State salary offered, hours, etc., provinces only, South preferred, "Energy" (29/32), Office of this Paper.

ADVERTISER, Student for Minor, desires part-time work every evening and all day Saturday free. Particulars to 34/18, Office of this Paper.

ASSISTANT or Dispenser; unqualified; experienced; every evening 5, all day Saturday and Sunday; N. London. Pearson, 124 Squires Lane, Finchley, N. 3.

ASSISTANT; unqualified; ineligible; Dispensing, Counter, Extractor; disengaged shortly; North or Midlands. "Nunquam" (30/7), Office of this Paper.

ASSISTANT; unqualified; eighteen years' all-round experience with Chemists and Doctors; *qualified in America*; whole or part time. Address "Indian," 12 Torquay Street, Paddington, W. 9.

ASSISTANT; experienced; unqualified; over age; City preferred. Norris, 43 Adolphus Street, New Cross, S.E.

BRANCH Manager or Assistant; 42 years; unregistered; married; competent all branches; N.H.I. qualification; Grade 3; conditional exemption; highest references; shortly disengaged. "Statim," 135 Queen Street, Newton Heath, Manchester.

CAPABLE Pharmacist requires post as Manager; experienced; 28; Grade III.; good Dispensing business preferred. Apply 29/40, Office of this Paper.

CHEMISTS requiring qualified assistance, a Pharmacist (elderly) places his services at their disposal; managing or locum. M.P.S., 8 St. James Road, Southampton.

COMPETENT unqualified Assistant; Grade 3; well educated; Manchester or Liverpool city business preferred. State salary, hours, etc., 28/7, Office of this Paper.

DISCHARGED, qualified, 29, married, seeks permanency; first-class experience and references. Please state salary offered, 32/35, Office of this Paper.

DISENGAGED October 5th; London preferred; Locum; permanency; excellent references and experience; reasonable terms. Chemist, 47 Wilton Avenue, Southampton.

DISENGAGED; 27; Grade III.; Dispensing, Photography, experienced Retail, Manufactory. "The Nest," Heston Road, Hounslow.

DISPENSER; unqualified; Chemist or Doctor; some knowledge of Counter work; 45; married; permanency; good references. "Tabloid" (29/31), Office of this Paper.

DISPENSER, lady (Hall), desires post with Doctor, Hospital, or Chemist; Manchester or suburbs. "The Empire," 4 Corporation Street, Manchester.

DISPENSER, Bookkeeper, etc.; elderly; abstainer; good references; disengaged last week October. Apply 31/10, Office of this Paper.

DISPENSER-BOOKKEEPER (Hall), 33, ineligible, desires change (Doctor or Institution), where half-day weekly could be obtained; present situation 7½ years; excellent references. Apply 26/29, Office of this Paper.

DISPENSING required in London by lady; Hall qualification; Pharmacy experience; quick, accurate; excellent testimonials; about three hours evenings or afternoons. Apply 29/23, Office of this Paper.

GRADE 3; unqualified; 18 years' experience; single; abstainer. Apply 29/28, Office of this Paper.

LADY Dispenser; Minor and Apothecaries' Hall qualifications; age 22. State hours and salary offered to Nash, c/o Randall & Sons, Ltd., 146 High Street, Southampton.

LADY Minor desires evening work; Hospital, shop (Dispensing only); also Saturdays, Sundays. Apply 30/54, Office of this Paper.

LADY Dispenser, Hall, experienced, requires post with Doctor (no bookkeeping), Hospital, or Institution; Croydon or neighbourhood. Peto, 126 Oakfield Road, Penge, S.E.

LADY (young), Hospital and Doctors' experience, desires post. Apply "D.", 46 High Street, Bridgnorth, Shropshire.

LADY Dispenser, one year's experience, wants (immediately) post in London until end of October. Mrs. Rowley, 187 Queen's Gate, S.W. 7.

LADY Student Dispenser desires part-time post (or whole time for three months) with Doctor or Hospital; really good Dispenser; London preferred, but suitable post considered; salary. Apply 27/39, Office of this Paper.

LADY Dispenser (22), Hall, desires post; Doctor or Hospital; London district; Hospital experience. Address "S.," 24 Midmoor Road, S.W. 19.

LADY DISPENSER.—Young lady, age 19, seeks position as Dispenser in Surgery or high-class Retail; indoor preferred; apprenticeship just completed. Apply, with full particulars as to salary offered and hours, to "Robertson," c/o Randall & Son, Ltd., Dispensing Chemists, 146 High Street, Southampton.

LADY Dispenser, Hall qualification, desires post in Hospital, Institution, or with Doctor in S.W. district. Miss Thompson, 28 Park Mansions, Battersea Park.

LADY Assistant requires post; West, South-West England preferred; good Counter experience; Dispensing, Photographic; College trained; state hours and salary. Apply 31/12, Office of this Paper.

LADY, Hall qualification, desires position as Dispenser; City or Ilford district preferred. Apply 31/15, Office of this Paper.

LADY Dispenser requires post with Doctor or Institution; Hall certificate. Apply 32/38, Office of this Paper.

LADY Pharmacist, experienced, Minor, wants permanent Hospital work; wishes to learn Radiography. Address 32/2, Office of this Paper.

LADY Dispenser (Hall) seeks post; North London preferred. "E." (32/1), Office of this Paper.

LOCUM or temporary; City or West; unqualified; rejected; 29. Reply "W.," 45 Hillcourt Road, East Dulwich, S.E. 22.

LOCUM; disengaged October 7th; over 30 years' wide Pharmaceutical and Hospital experience; qualified. M. Smith, 238 Prince Regent's Lane, Plaistow, E. 13. After Monday address 33 Albert Street, Warsop, Mansfield.

LOCUM or small Branch Manager; good references; South Devon preferred; age 45. Apply Turner, c/o Mr. Barlow, Caen Street, Braintree, Barnstaple, Devon.

LOCUM, qualified, middle-aged, disengaged after 12th. Cito, 4 Blenheim Road, St. John's Wood, N.W. 8.

LOCUM, disengaged October 12th, or Manager; highest references; varied experience. Apply 32/32, Office of this Paper.

LOCUM; qualified; discharged; excellent references; disengaged. Apply 32/351, Office of this Paper.

LOCUM or Manager; qualified; 46; Grade 2; nt liberty. "B.," 71 Sunbury Road, Liverpool.

M.P.S., F.S.M.C., offers part-time relief; good salary; best experience; London or suburbs. Apply 29/8, Office of this Paper.

MANAGER or Locum; qualified; West-End and suburban experience; disengaged. Kindly state full terms of engagement, "D.," 159 Clive Road, S.E. 21.

MANAGER; Army discharge; unqualified; good references. Chemist, 90a Pearcroft Road, Leytonstone, E. 11.

MANAGER (temporary or otherwise); qualified; excellent experience and references; 55; abstainer. Apply 30/39, Office of this Paper.

MANAGER, qualified, 51, seeks permanency; married; good experience and successful Manager. Reply 31/21, Office of this Paper.

MANAGER or Locum; elderly; qualified. Pharmacist, 18 Penhurst Road, South Hackney, E. 9.

MANAGER or Locum; over military age; disengaged; qualified; married; successful Prescriber. Chemist, Parkholme, Benconsfield Road, Clacton-on-Sea.

MANAGER, qualified, experienced, reliable, requires permanency. State salary, 31/35, Office of this Paper.

MANCHESTER OR DISTRICT PREFERRED.—Assistant, 33, exempt, Grade III., experienced Dispensing, Prescribing, Counter, desires part-time post, or would undertake Locum duty. Apply 33/4, Office of this Paper.

PHARMACEUTICAL Chemist, recently returned from scientific work in France, seeks responsible position with good business firm or Institution. Apply 31/30, Office of this Paper.

PHARMACIST (30), Grade 3, desires permanency with good prospects; excellent English and Scottish experience; Dispensing, Surgical appliances, Agricultural, busy Counter, Window-dressing (prize winner). Particulars and salary, 31/5, Office of this Paper.

QUALIFIED man seeks situation in London: West-End experience. R. H. Evans, 98 Headstone Road, Harrow.

QUALIFIED requires locum or temporary employment; capable; experienced. Apply 29/30, Office of this Paper.

QUALIFIED desires branch; 44; married; references sound; results assured; seaside preferred, not essential. "Advance" (193/30), Office of this Paper.

QUALIFIED Chemist requires situation; Manager, Dispenser, Assistant; London or Home Counties; permanency wanted; temporary entertained; would take charge for another being called away; disengaged in a week; over military age. Smith, 9 Bexhill Road, Crofton Park, S.E. 4.

QUALIFIED Dispenser (lady), Hall certificate, desires post; knowledge of bookkeeping; disengaged; N. London preferred. "H.," 14 Denning Road, Hampstead.

QUALIFIED Manager or Assistant; 42; good experience and references; locum or permanency; succession entertained; London or South Coast. Apply 31/33, Office of this Paper.

QUALIFIED Chemist, having disposed of his business, desires a position of trust in some large concern, either Retail or Wholesale, where a small investment would be remunerative. Apply to 31/6, Office of this Paper.

QUALIFIED; elderly; good experience; easy hours; moderate salary; London. Apply 31/17, Office of this Paper.

QUALIFIED; Grade 3 (returned by military); City experience; disengaged; responsible position or locum. State salary, R. Ham, M.P.S., St. Edwards, West Malvern, Worcs.

QUALIFIED, 45, ineligible, experienced, seeks position in Light Retail and Dispensing business; easy hours. "Chemist," 115 Church Road, Essex Road, Islington, London, N.

QUALIFIED; 30 years' experience; reliable and active; £4 10s. per week. Apply 34/20, Office of this Paper.

RELIABLE Locum; not Dispenser; over military age; single; R thoroughly experienced; good references; unregistered. U. C., Cotham House Cottage, Hillingdon, Middlesex.

UNQUALIFIED, 24, Grade III., desires change; permanency. State salary offered and hours, 32/8, Office of this Paper.

WANTED, from about November 1st, engagement (permanent) as Manager; to live on premises preferred; age 47; married; active; London or suburbs. "Aregen" (29/35), Office of this Paper.

YOUNG lady requires position as Chemist's Assistant; Liverpool district; three years' experience. Apply to Mrs. Smith, 29 Lambert Street, Liverpool.

YOUNG lady (unqualified) requires post in Dispensary; West-End preferred. Apply by letter, R. B., 15 Wymering Mansions, W. 9.

YOUNG lady seeks engagement with Retail Chemist (Bristol or near); four years' Dispensing and Counter experience. Apply 32/17, Office of this Paper.

WHOLESALE.

ADVERTISER requires position as General Manager or otherwise; sound organiser, administrator, and accountant; accustomed to large Factory and Offices; wide commercial experience; last employ 14 years, General Manager and Director; extensively advertised Toilet preparations; disengaged; salary £500. Apply 12/21, Office of this Paper.

ALL-ROUND experience, Manufactory, business, etc.; capable organiser; supervisor; Grade III. "Method" (34/19), Office of this Paper.

ANALYTICAL Chemist, F.C.S., M.P.S., wishes to take appointment as Works Manager or similar post; large experience and unexceptionable references. "A. T. C." (30/14), Office of this Paper.

GENTLEMAN, 46, qualified, travelling for present firm 10 years, desires change; Chemists or Doctors; highest references. Apply 29/15, Office of this Paper.

PHARMACEUTICAL Chemist, discharged, 29, seeks good position in Wholesale house; exceptional references and experience. Please state salary, 32/350, Office of this Paper.

REPRESENTATIVE OR AGENT.—Gentleman, 38, entirely exempt, well educated, expert Salesman, thorough knowledge of Drug and allied trades, good connection, desires berth with keen business firm only, who will adequately reward best possible service. Apply 32/29, Office of this Paper.

TRAVELLER, calling on Chemists in the North, is open to sell Saccharine Tablets on commission. Apply 30/16, Office of this Paper.

TRAVELLER; young, smart, extensive connection; all Wales, Shropshire, Herefordshire, Cheshire, and Lancashire; disengaged; highest references; discharged H.M. Forces. Apply 18/39, Office of this Paper.

WANTED, situation in Wholesale Warehouse; well up in Patents, Druggists' Sundries, etc.; also good Stockkeeper; competent to take charge of departments, accurate checker, and dispatcher of goods; ineligible. Apply 32/11, Office of this Paper.

WORKS Chemist or Manager requires position immediately; thorough practical experience of modern plant and processes; Drugs, Synthetic Chemicals, Dyes, Surgical Dressings, Malt Extract, Oils, Essences, Disinfectants. Standardised Time

MISCELLANEOUS.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—100 International Plasmon, 8s. 3d., yield about 9%; 100 Ilford Preference, 20s.; 100 Lamson Paragon Ordinary, 25s. 6d.

Wanted (subject).—Allenbury Preference; W. J. Bush Prefs.; Camwal Ordinary, Preference, and Debentures; Idris "A" Prefs. and Debentures; G. B. Kent Preference; 200 Ilford Ordinary, 20s. 3d.; 300 Parke's Drug Ordinary, 9s. 3d.; Wright Layman Preference.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

ABOUT 5 tons finest Pure White French Chalk; prompt delivery from stock; inquiries solicited. Brazendale & Co., Leeds Street, Liverpool.

FOR Sale, 3 Show Carboys, colours light and dark red, 21s. each; also some odd Partitioning, a useful Iron Safe, Show Cases, and Window Fittings, all suitable for Chemists. Wm. Potter & Sons, Ltd., 160 Aldersgate Street, London, E.C. 1.

SACCHARIN Tablets, 40 lb., $\frac{1}{2}$ gr., 330 in 1 guaranteed, over 7,000 to pound, 1 lb. 27, 2 lb. 19s. per lb., 5 lb. 18s. per lb.; no better tablet obtainable; cash with order; immediate registered delivery. A. Walton, 40 Washington Street, Bradford.

WHAT offers for five 5-cwt. Casks of Genuine White Pepper? sample 3d.; 10 1-cwt. cases Spanish Juice, 2-oz. sticks. Barker, 42 Bath Street, Abingdon.

25 LB. 550 Saccharin, 402s. 6d. per lb.; $\frac{1}{2}$ gr. in 1 Saccharin Tablets, 22s. per 1,000, or 150s. per lb.; $\frac{1}{4}$ gr. in 1, 16s. per 1,000, or 110s. per lb.; 100's, 24s. per doz.; C.W.O., immediate despatch. Henning, Medical Hall, Larne.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

4 CWT. guaranteed Wood Chemical, 60d. a lb.; 2 cwt. New Zealand Infusorial Earth. Butterworth, 11 Bewley Street, Manchester.

36 BOTTLES Wayne County Oil of Peppermint, 25s. lb., carriage paid. Butterworth, 11 Bewley Street, Manchester.

350,000 SACCHARINE TABLETS for disposal; special brand; well made and soluble; contain pure and finest American Saccharine; $\frac{1}{4}$ grain; about 7,000 to lb.; satisfaction guaranteed; 5,000, 14s. 6d.; 20,000, 14s.; 50,000, 13s. 9d. per 1,000; sample 1,000, 15s.; bankers, Lloyds, Coopers, Chemists, Halesowen, Birmingham. Registered post paid.

200,000 SACCHARIN TABLETS; $\frac{1}{4}$ grain in 1; strength guaranteed by analysis; 15s. per 1,000; registered post same day; cash with order. T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

"BUSINESS Encyclopædia and Legal Adviser," by W. S. M. Knight; 9 38s. 6d. volume; complete; excellent condition; what offers? Holland, Maisonnets, Green Road, Bournemouth.

DENTAL.

FIVE Celluloid Full Upper Showpieces. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

1 B. 1 C, 1 eaned bottle Sparklet Syphons, 2 5-pt. Seltzogenes caned, one marked "Boots," all second-hand, fair condition. Offers to Scholes, Chadderton, Oldham.

OPTICAL AND PHOTOGRAPHIC.

OPTICAL Trial Case; 30 pairs each Convex and Concave Spheres, 18 each cylinders; mostly unmounted; trial frame, lens measure; price £4, or near offer. Particulars from Bullock, R.A.F. Sick Quarters, Isle of Grain, Kent.

MISCELLANEOUS.

LIQUID Tar Soap, dark, 10 lb. Apply Buntings, Swaffham. **ABOUT** 50 gross of 1 ounce (fluid) Tins, suitable for Tooth Powder or Ointment; 12s. per gross; sample post free two stamps. Shuker, Launceston.

SUPPOSITORY Moulds, one of each, 3 dozen 15-grain, 1 dozen 15-grain, 1 dozen 30-grain, half-dozen 30-grain. Timothy White Co., Ltd., Portsmouth.

B.P. Filtered Olive Oil, about 4 gallons, what offers? Specie Jar, with gilt top, £1; two Show Bottles with nickel-plated taps, for Lavender Water and Cologne, 10s. each, worth

WANTED.

EMERSON'S Bromo Seltzer. Sharman, Northwood. **ONE** drachm Pill Boxes for cash. State quantity and price, Talbot, Salisbury.

GLYCERINE; any quantity. State price, Roberts, Chemist, Farnham Common, Slough.

OPTICAL Trial Case wanted. M. Blumenthal, M.P.S., 164 Lightbourne Road, Moston, Manchester.

A REGULAR supply of Beef and Malt Wine; any make. Apply S. T. Shaw, Chemist, Golcar, nr. Huddersfield.

CINEMATOGRAF, also Toy Electric Train or Tram, complete with rails, etc. Apply 29/16, Office of this Paper.

BEST price given for Tablet-making Machine, also Mixing Machine. "Mondo" (28/13), Office of this Paper.

NO. 5 Zwanck's or a No. 6 Schilling's Pessary. Lowest price to Howarth, Chemist, 95 Deane Church Lane, Bolton, Lanes.

HINGED Gilt Tins for $\frac{1}{2}$ and 1 oz. lozenges; also small Glass Vest-pocket Flasks; metal screw tops; samples. Prices, "S," 46 Cumberland Road, Acton, W. 3.

STEAM Generator, with or without gas burner; jacketed pan, 15-20 gallons, with or without mixer; also Emulsifying Machine, about 10 gallons. Johnston & Adams, Dundee.

DESCRIPTIVE Catalogues and best prices from Manufacturers and Proprietors of Chemists' Specialties, including Patent Medicines, Toilet Articles, and Sundries. Buyer, c/o W. Bannison, 8 Cale Street, Chelsea, S.W. 3.

PHARM. Journ. Formulary, B.P.; Martindale, 16th; Squire; Codex. Chemistry, Luff's, Cohen's, Attfield's, Newth's, Perkin's, Kipping's, Muter's, Materia Medica, Greenish's, Southall's, Whittall's, Pharmacopædia, Botany, Lowson's, Johnson's, Green's, Latin, Ince's, Bennett's, Optics, Laurence's, Druff's, Gray's Anatomy, and others. Unpriced offers useless. Gower, 41 Voltaire Road, Clapham.

HINGED Gilt Tins for $\frac{1}{2}$ and 1 oz. lozenges; samples. Prices, "S," 46 Cumberland Road, Acton, W. 3.

RANGE of covered Shop Jars; 11 inches high. All particulars to Westmacott, Pharmacist, Manchester.

WILL'S Materia Medica, Pharmacy, and Analysis, with signature inside each, "Thomas Hale." Prices to 49 Reginald Street, Luton.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Qlew, Radium Laboratories, 156 Clapham Road, S.W. 9.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W. 4.

BIG prices paid for Stokes' or Colton Tablet Machines; Pill Machinery also wanted. Particulars to 78/58, Office of this Paper.

JOB line Tins wanted, suitable for Boot Polish, etc. We are also buyers of Tin Plates, printed or plain. "Brytenup" Polish Works, Marsh Lane, Preston.

DOCTOR WILSON'S SWEETEN-IT

Is a Highly Concentrated Substitute for Sugar.

TRY IT. YOU WILL BE DELIGHTED.

Good for **SWEETEN-IT** Ice-Cream, Cakes, Pastry, Puddings, Jam, etc.

SELLS LIKE HOT CAKES.

Packed in Envelopes.

Retail 3d. Packet costs	30/-	gross, Wholesale	27/6	} 5 gross assorted only.
" 6d. "	52/-	" "	50/-	
" 1/- "	96/-	" "	92/-	

Cash with Order. Immediate delivery. Carriage Paid.

AGENTS:

LYNDWOOD & CO., Wholesale Chemists, 71 High Holborn, E.C.

25 TONS OF BEST REFINED SODII BICARBONATE

to be Sold at £22 2s. per ton ex warehouse, Manchester.

B. & A. TRADING CO., 6 St. George's Terrace, Regent's Park, N.W.3.

SACCHARIN 550

"MONSANTO" BRAND

For sale in 5, 10 or 25-lb. tins ... 400/- per lb.

Cash with order.

A. S. PRICE & CO. LTD. BLACKBURN & BIRMINGHAM

WATSONS' OF SHEFFIELD

Give **TWO-THIRDS** Retail Price for No. 1 Junior Kodaks and No. 2 Folding Brownies and for many other cameras.

Three-quarters Retail Price for **ROLL FILMS** of all kinds. Out-of-date films bought for experimental purposes.

If you have anything photographic, cameras, apparatus or supplies you cannot sell, send it to us now. It will never be worth so much to you again.

WATSONS', The Camera House,
Tel. No. 27. 84 High Street, Sheffield.

8/6 Jay Mack's Ledger 10/6

VERY FEW.

gives Yearly Sales, Purchases, Exes., with only 10 mins. work weekly; Easy Stocktaking explained; Form Pages show Balance Sheets and Income Tax Deductions; no previous Book-keeping experience needed.

On appro. on receipt of cheque. 1/- Post Booking Fee, deducted if returned.

Mack-lvor,
Hightown P.O.;
Crewe.

Ayrtens, Evans,
Bleasdale, Ucal
Raines (Edinb.)

Australia:
Felton Grimwade
C.D.A.

S. Africa:
Border Drug,
Gardners.

4
Years
5
Columns

PERFUMERS! SHORTAGE OF LABOUR

Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write, stating requirements—

MARTIN & CO., 71 City Road, Finsbury, London, E.C.1

COTTON WOOL 2/2 per lb.

in 1 cwt. lots; 55 lb. at 2/2½. Carriage paid. Cash with order. Wrappers 3/6 extra, and are returnable. The wool is white, absorbent, and interlaved. Sample for stamp. Special price for bigger lots. Super quality at reasonable prices.

JAS. Q. MILLS, Chemist, Platt Bridge, WIGAN

"HOLMIER" BRAND COMPOUND SACCHARIN TABLETS.

One is equal to a teaspoonful of sugar.

Made with American 550 Saccharin. 5,000 lots @ 14/- per 1,000; 10,000 @ 13/9; 20,000 @ 13/6; 50,000 @ 13/3; 100,000 @ 13/-; 1,000,000 @ 12/6. Net c.w.o. Immediate Delivery.

MEYER, Manufacturing Chemists, 93 COLMORE ROW, BIRMINGHAM.

SACCHARIN TABLETS.

Absolutely Pure and Soluble.

Made from finest Monsanto (American) Saccharin.

In 1 lb. boxes containing 8,000, 15/6 per 1,000.

Prompt delivery by registered post. Cash with order. Attractive Window Bill enclosed.

WATSON & CO. 8 ALBERT STREET, Loughborough.
Cheques to be crossed: London City & Midland Bank, Loughborough.

SACCHARIN TABLETS

Guaranteed absolutely pure and soluble.

½ grain 330 in 1 grain. Made from finest American 550 Saccharin.

10,000 lots at 16/6 per 1,000

25,000 " 16/3 "

100,000 " 16/- "

Cash with order.

Immediate delivery.

Registered post paid.

AUSTIN, Wholesale Chemist, Saltley, Birmingham.

SPECIAL OFFER OF 5,000,000 SACCHARIN TABLETS.

1 grain, 330 in 1: 10,000 @ 13/6, 25,000 @ 13/3, 50,000 @ 12/11, 100,000 @ 12/9, 250,000 @ 12/8, 500,000 @ 12/7, 1,000,000 @ 12/6 per 1,000.

1 grain, 330 in 1: about 7,000 to the lb.: 1,000 @ 21/-, 10,000 @ 19/9, 25,000 @ 19/6, 50,000 @ 19/3, 100,000 @ 19/- per 1,000.

Immediate Delivery. Cash with Order.

W. TRAVIS, 203 WHITECROSS STREET, LONDON, E.C.1

½ Grain 330 SACCHARIN TABLETS.

Made from finest Monsanto (American) 550 Saccharin, and guaranteed absolutely pure and soluble.

5,000 @ 15/- per 1,000 | 25,000 @ 14/- per 1,000
10,000 @ 14/6 " | 100,000 @ 13/6 "

Registered post paid. Immediate delivery. Cash with order.

J. AUSTIN, Chemist, Alum Rock Road, BIRMINGHAM.

SUBJECT UNSOLD.

5 Tons HARD WHITE BLOCK STEARIC ACID 120/122 M P.

PRACTICALLY FREE ODOUR.

Box 191/27, Office of this Paper.

Saccharin Tablets.

BUY DIRECT FROM THE MANUFACTURER. SATISFACTION ASSURED.

10,000 lots ... 15/10 per 1,000
20,000 " ... 15/7 "
50,000 " ... 15/4 "

E. GOODWIN & CO., 21 Moor St., COVENTRY, CHESH. RE.

DON'T READ THIS unless you require THE smartest Cards obtainable that will prove their value in your window.

For 3/6 1 15x10 Aero-Panel Line Card for various "Preps." Packing & Carr. Paid. —Face Powders & Creams, Tooth Powders, Perfumes, Soaps, etc. etc. (In HIGH-CLASS STYLE.)

For 5/9 4 12x8 (New Effective Size) Art Series Cards for Packing & Carr. Paid. various "Preps." (In SPECIAL EFFECTIVE STYLES.) (Previous Advs. cancelled).

F. MERTEN, 112 Warham Road, HARRINGAY, LONDON, N.4. (Late F. M. & Co., of Holloway.)

DAMANCY & CO., HARROW

SACCHARIN (Monsanto) TABLETS

½ grain 330 in each tablet.

14/- per 1,000; 13/6 per 1,000 for 20,000; 12/9 per 1,000 for 100,000. Reduction for larger quantities. Cash with order. Carriage paid.

The Original Advertiser of

SACCHARIN TABLETS

½ gr. 330 in 1.

Still leads and offers

1 lb. (average over 7,000) £7 0 0 per lb.
2 lb. ... 6 19 0 "
5 lb. ... 6 18 0 "
10 lb. ... 6 17 0 "
20 lb. ... 6 16 0 "

Flasks of 100 @ 26/- per doz.; 200 @ 50/-; 1000 lots, 20/- each

Tablets of ½ gr. 330 in 1 (average 7,000)

100/- per lb.; 2 lbs. @ 97/6; 5 lbs. @ 95/-

CASH WITH ORDER. REGISTERED POST PAID. SAME DAY AS ORDER RECEIVED.

WALTON, Chemist, BATLEY, YORKS

MISCELLANEOUS.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—100 International Plasmon, 8s. 3d., yield about 9%; 100 Ilford Preference, 20s.; 100 Lamson Paragon Ordinary, 23s. 6d.

Wanted (subject).—Athenbury Preference; W. J. Bush Prefs.; Camwal Ordinary, Preference, and Debentures; Idvis "A" Prefs. and Debentures; G. B. Kent Preference; 200 Ilford Ordinary, 20s. 3d.; 300 Parke's Drug Ordinary, 9s. 3d.; Wright Layman Preference.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

ABOUT 5 tons finest Pure White French Chalk: prompt delivery from stock; inquiries solicited. Brazendale & Co., Leeds Street, Liverpool.

FOR Sale, 3 Show Carboys, colours light and dark red, 21s. each; also some odd Partitioning, a useful Iron Safe, Show Cases, and Window Fittings, all suitable for Chemists. Wm. Rutter & Sons, Ltd., 160 Aldersgate Street, London, E.C. 1.

SACCHARIN Tablets, 40 lb., $\frac{1}{2}$ gr., 330 in 1 guaranteed, over 7,000 to pound, 1 lb. £7, 2 lb. £6 19s. per lb., 5 lb. £6 18s. per lb.; no better tablet obtainable; cash with order; immediate registered delivery. A. Walton, 40 Washington Street, Bradford.

WHAT offers for five 5-cwt. Casks of Genuine White Pepper? sample 3d.; 10 1-cwt. casks Spanish Juice, 2-oz. sticks. Barker, 42 Bath Street, Abingdon.

25 LB. 550 Saccharin, 402s. 6d. per lb.; $\frac{1}{2}$ gr. in 1 Saccharin Tablets, 22s. per 1,000, or 150s. per lb.; $\frac{1}{4}$ gr. in 1, 16s. per 1,000, or 110s. per lb.; 100's 24s. per doz.; C.W.O., immediate despatch. Henning, Medical Hall, Larnie.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

4 CWT. guaranteed Wood Chemical, 6d. a lb.; 2 cwt. New Zealand Infusorial Earth. Butterworth, 11 Bewley Street, Manchester.

36 BOTTLES Wayne County Oil of Peppermint, 25s. lb., carriage paid. Butterworth, 11 Bewley Street, Manchester.

350,000 SACCHARINE TABLETS for disposal; special brand; well made and soluble; contain pure and finest American Saccharine; $\frac{1}{4}$ grain; about 7,000 to lb.; satisfaction guaranteed; 5,000, 14s. 6d.; 20,000, 14s.; 50,000, 13s. 9d. per 1,000; sample 1,000, 15s.; bankers, Lloyds. Coopers, Chemists, Halesowen, Birmingham. Registered post paid.

200,000 SACCHARIN TABLETS; $\frac{1}{4}$ grain in 1; strength guaranteed by analysis; 15s. per 1,000; registered post same day; cash with order. T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

"BUSINESS Encyclopædia and Legal Adviser," by W. S. M. Knight; 9 8s. 6d. volume; complete; excellent condition; what offers? Holland, Maisouettes, Green Road, Bournemouth.

DENTAL.

FIVE Celluloid Full Upper Showpieces. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

1 B, 1 C, 1 eaned bottle Sparklet Syphons, 2 5-pt. Seltzogenes eaned, one marked "Boots," all second-hand, fair condition. Offers to Scholes, Chadderton, Oldham.

OPTICAL AND PHOTOGRAPHIC.

OPTICAL Trial Case; 30 pairs each Convex and Concave Spheres, 18 each cylinders; mostly unmounted; trial frame, lens measure; price £4, or near offer. Particulars from Bullock, R.A.F. Sick Quarters, Isle of Grain, Kent.

MISCELLANEOUS.

LIQUID Tar Soap, dark, 10 lb. Apply Buntings, Swaffham. ABOUT 50 gross of 1 ounce (fluid) Tins, suitable for Tooth Powder or Ointment; 12s. per gross; sample post free two stamps. Shuker, Lauceston.

SUPPOSITORY Moulds, one of each, 3 dozen 15-grain, 1 dozen 15-grain, 1 dozen 30-grain, half-dozen 30-grain. Timothy White Co., Ltd., Portsmouth.

B.P. Filtered Olive Oil, about 4 gallons, what offers? Specie Jar, with gilt top, £1; two Show Bottles with nickel-plated taps, for Lavender Water and Cologne, 10s. each, worth

WANTED.

EMERSON'S Bromo Seltzer. Sharnan, Northwood. ONE drachm Pill Boxes for cash. State quantity and price, Talbot, Salisbury.

GLYCERINE; any quantity. State price, Roberts, Chemist, Farnham Common, Slough.

OPTICAL Trial Case wanted. M. Blumenthal, M.P.S., 164 Lightbourne Road, Mostou, Manchester.

A REGULAR supply of Beef and Malt Wine; any make. Apply S. T. Shaw, Chemist, Golcar, nr. Huddersfield.

CINEMATOGRAPH, also Toy Electric Train or Tram, complete with rails, etc. Apply 29/16, Office of this Paper.

BEST price given for Tablet-making Machine, also Mixing Machine. "Mondo" (28/13), Office of this Paper.

NO. 5 Zwanck's or a No. 6 Schilling's Pessary. Lowest price to Howarth, Chemist, 95 Deane Church Lane, Bolton, Lancs.

HINGED Gilt Tins for $\frac{1}{2}$ and 1 oz. lozenges; also small Glass Vest-pocket Flasks; metal screw tops; samples. Prices, "S.", 46 Cumberland Road, Acton, W. 3.

STEAM Generator, with or without gas burner; jacketed pan, 15-20 gallons, with or without mixer; also Emulsifying Machine, about 10 gallons. Johnston & Adams, Dundee.

DESCRIPTIVE Catalogues and best prices from Manufacturers and Proprietors of Chemists' Specialties, including Patent Medicines, Toilet Articles, and Sundries. Buyer, c/o W. Bennison, 8 Cale Street, Chelsea, S.W. 3.

PHARM. Journ. Formulary, B.P.; Martindale, 16th; Squire; Codex. Chemistry, Luff's, Cohen's, Attfield's, Newth's, Perkin's, Kipping's, Muter's. Materia Medica, Greenish's, Southall's, Whitla's, Pharmacopædia. Botany, Lowson's, Johnson's, Green's, Latin, Ince's, Bennett's. Optics, Laurance's, Druff's. Gray's Anatomy, and others. Unpriced offers useless. Gower, 41 Voltaire Road, Clapham.

HINGED Gilt Tins for $\frac{1}{2}$ and 1 oz. lozenges; samples. Prices, "S.", 46 Cumberland Road, Acton, W. 3.

RANGE of covered Shop Jars; 11 inches high. All particulars to Westmacott, Pharmacist, Manchester.

WILL'S Materia Medica, Pharmacy, and Analysis, with signature inside each, "Thomas Hale." Prices to 49 Reginald Street, Luton.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W. 4.

BIG prices paid for Stokes' or Colton Tablet Machines; Pill Machinery also wanted. Particulars to 78/58, Office of this Paper.

JOB line Tins wanted, suitable for Boot Polish, etc. We are also buyers of Tin Plates, printed or plain. "Brytenup" Polish Works, Marsh Lane, Preston.

DOCTOR WILSON'S SWEETEN-IT

Is a Highly Concentrated Substitute for Sugar.

TRY IT. YOU WILL BE DELIGHTED.

Good for Cakes, Puddings, SWEETEN-IT Ice-Cream, Pastry, Jam, etc.

SELLS LIKE HOT CAKES.

Packed in Envelopes.

Retail 3d. Packet costs 30/- gross, Wholesale 27/6 } 5 gross
" 6d. " " 52/- " " 50/- } assorted
" 1/- " " 96/- " " 92/- } only.

Cash with Order. Immediate delivery. Carriage Paid.

AGENTS:

LYNDWOOD & CO., Wholesale Chemists,
71 High Holborn, E.C.

25 TONS OF BEST REFINED SODII BICARBONATE

to be Sold at £22 2s. per ton ex warehouse, Manchester.

B. & A. TRADING CO., 6 St. George's Terrace, Regent's Park, N.W.3.

SACCHARIN 550

"MONSANTO" BRAND

For sale in 5, 10 or 25-lb. tins ... 400/- per lb.

Cash with order.

A. C. PRICE & CO. Ltd. Blackheath, BIRMINGHAM

WATSONS' OF SHEFFIELD

Give **TWO-THIRDS** Retail Price for No. 1 Junior Kodaks and No. 2 Folding Brownies and for many other cameras,

Three-quarters Retail Price for **ROLL FILMS** of all kinds. Out-of-date films bought for experimental purposes.

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WATSONS', The Camera House,
Tel. No. 27. 84 High Street, Sheffield.

8/6

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On appro. on receipt of cheque. 1/- Post Booking Fee, deducted if returned.

Mack-Ivor,
Hightown P.O.,
Crewe.

Ayrtons, Evans,
Bleasdale, Ucal
Raines (Edinb.)

Australia:
Felton Grimwade
C.D.A.

S. Africa:
Border Drug,
Gardners.

10/6

4 Years 5 Columns

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COTTON WOOL 2/2 per lb.

in 1 cwt. lots; 55 lb. at 2/2. Carriage paid. Cash with order. Wrappers 3/6 extra, and are returnable. The wool is white, absorbent, and interleaved. Sample for stamp. Special price for bigger lots. Super quality at reasonable prices.

JAS. Q. MILLS, Chemist, Platt Bridge, WIGAN

"HOLMIER" BRAND COMPOUND SACCHARIN TABLETS.

One is equal to a teaspoonful of sugar.

Made with American 550 Saccharin. 5,000 lots @ 14/- per 1000; 10,000 @ 13/9; 20,000 @ 13/6; 50,000 @ 13/3; 100,000 @ 13/-; 1,000,000 @ 12/6. Net c.w.o. Immediate Delivery.

MEYER, Manufacturing Chemists, BIRMINGHAM.
93 COLMORE ROW.

SACCHARIN TABLETS.

Absolutely Pure and Soluble.

Made from finest Monsanto (American) Saccharin.

In 1 lb. boxes containing 8,000, 15/6 per 1,000. Prompt delivery by registered post. Cash with order. Attractive Window Bill enclosed.

WATSON & CO. 8 ALBERT STREET, Loughborough.
Tablet Manufacturers.
Cheques to be crossed: London City & Midland Bank, Loughborough.

SACCHARIN TABLETS

Guaranteed absolutely pure and soluble.

1/4 grain 330 in 1 grain. Made from finest American 550 Saccharin.

10,000 lots at 16/6 per 1,000

25,000 " 16/3 "

100,000 " 16/- "

Cash with order.

Immediate delivery.

Registered post paid.

AUSTIN, Wholesale Chemist, Salford, Birmingham.

SPECIAL OFFER OF 5,000,000 SACCHARIN TABLETS.

1/4 grain, 330 in 1: 10,000 @ 13/6, 25,000 @ 13/3, 50,000 @ 12/11, 100,000 @ 12/9, 250,000 @ 12/8, 500,000 @ 12/7, 1,000,000 @ 12/6 per 1,000.

1/4 grain, 330 in 1: about 7,000 to the lb.: 1,000 @ 21/-, 10,000 @ 19/9, 25,000 @ 19/6, 50,000 @ 19/3, 100,000 @ 19/- per 1,000.

Immediate Delivery. Cash with Order.

W. TRAVIS, 203 WHITECROSS STREET, LONDON, E.C.1

1/4 Grain 330 SACCHARIN TABLETS.

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5,000 @ 15/- per 1,000 | 25,000 @ 14/- per 1,000
10,000 @ 14/6 " | 100,000 @ 13/6 "

Registered post paid. Immediate delivery. Cash with order.
J. AUSTIN, Chemist, Alum Rock Road, BIRMINGHAM.

SUBJECT UNSOLD.

5 Tons HARD WHITE BLOCK

STEARIC ACID 120/122 M.P.

PRACTICALLY FREE ODOUR.

Box 191/27, Office of this Paper.

Saccharin Tablets.

BUY DIRECT FROM THE MANUFACTURER. SATISFACTION ASSURED.

10,000 lots 15/10 per 1,000
20,000 " 15/7 "
50,000 " 15/4 "

E. GOODWIN & CO., 21 Moor St., CONGLETON, CHESH. RE.

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For 3/6) 1 15x10 Aero-Panel Line Card for various "Preps."
Packing & —Face Powders & Creams, Tooth Powders, Perfumes,
Carr. Paid) Soaps, etc. etc. (In HIGH-CLASS STYLE.)

For 5/9) 4 12x8 (New Effective Size) Art Series Cards for
Packing & various "Preps." (In SPECIAL EFFECTIVE STYLES.)
Carr. Paid.) (Previous Adverts. cancelled.)

F. MERTEN, 112 Warham Road, HARRINGAY, LONDON, N.4.
(Late F. M. & Co., of Holloway.)

DAMANCY & CO., HARROW

SACCHARIN (Monsanto) TABLETS

1/4 grain 330 in each tablet.

14/- per 1,000; 13/6 per 1,000 for 20,000; 12/9 per 1,000 for 100,000. Reduction for larger quantities. Cash with order. Carriage paid.

The Original Advertiser of

SACCHARIN TABLETS

1/2 gr. 330 in 1. Still leads and offers

1 lb. (average over 7,000) £7 0 0 per lb.
2 lb. 6 19 0 "
5 lb. 6 18 0 "
10 lb. 6 17 0 "
20 lb. 6 16 0 "

Flasks of 100 @ 26/- per doz; 200 @ 50/-; 1000 lots, 20/- each

Tablets of 1/2 gr. 330 in 1 (average 7,000)

100/- per lb.; 2 lbs. @ 97/6; 5 lbs. @ 95/-

CASH WITH ORDER. REGISTERED POST PAID.
SAME DAY AS ORDER RECEIVED.

WALTON, Chemist, BATLEY, YORKS

P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

The prices announced below will come in force as from the date of this issue:—

	Minimum Retail Price.	Minimum Wholesale Price.
4 oz. Armour's Essence of Pepsin	2/9	23/2
8 oz. " " "	5/-	43/11
16 oz. " " "	9/6	82/2
W. Qts. " " "	—	41/11 ea.
8 oz. " Elixir of Enzymes	4/-	36/-
16 oz. " " "	7/6	68/-
W. Qts. " " "	—	32/- ea.
8 oz. " Nutritive Elixir of Peptones	3/3	29/2
16 oz. " " "	6/-	54/6
W. Qts. " " "	—	25/- ea.
Advert. Price.		
1/- Baxter's Asthma Cure	1/-	8/6
3/- Martindale's Amyl Nit. Capsules	2/9	25/8
1/6 Pond's Areco Tooth Paste	1/6	13/6
3/- " " " "	3/-	27/-
4/6 " " " "	4/6	40/6
2/6 " Arthriticus	2/6	22/6

SUGARINE

The New Sweetening

Powder, without a rival for Cakes, Puddings, and all purposes where the Tablet Form is inconvenient.

9d. Pkts. - **6/9** per doz.

3 Doz. for - - - **£1**

1 Gross for - **£3 10s.**

Supplied in bulk at **7/6** per lb.
16 labels free with each pound.

WINDOW BILLS FREE
with each order.

Cash Terms. Carriage Paid.

WALTON, CHEMIST, BATLEY.

"BENNET'S" Saccharin Tablets

The Finest yet offered. Soluble.
Immediate Delivery from Stock.

1 lb.	...	...	£7 0 0	per lb.
5 lb.	...	...	£6 18 9	"
10 lb.	...	...	£6 18 3	"
50 lb.	...	...	£6 17 6	"
100 lb.	...	...	£6 16 6	"

Average **over** 8,000 Tablets to the lb.

CASH WITH ORDER. CARRIAGE PAID.

BENNET & CO., Cromwell House,
HOLBORN, LONDON, W.C. 1.

SACCAS SWEETENING TABLETS

One tablet guaranteed equal
to large lump of SUGAR.

In lots of not less than 5,000, 12/6 per 1,000.

Special Terms for Large Quantities.

Cash with order. Carriage Paid. Immediate Delivery.

THE THAMES CHEMICAL CO., LTD.
12 Norfolk Street, W.C. 2.

The Best and Cheapest Uncontrolled SACCHARIN TABLETS

on the Market

(Made from the best Monsanto American powder).

10,000 @ 13/9 per 1000	10,000 @ 17/9 per 1000
25,000 " 13/7 "	25,000 " 17/8 "
50,000 " 13/6 "	50,000 " 17/7 "
500,000 " 13/4 "	500,000 " 17/6 "
Packed in boxes of 1000	Packed in boxes of 1000
14/- per 1000.	18/- per 1000

Cash with order. Carriage Paid. Prompt delivery.

THE B. & A. TRADING CO.
6 St. George's Terrace, Regent's Park, London,
N.W. 3.

TEA SWEETENERS. 'Aspanco' Brand

The Saccharin Tablet "par Excellence."

We were the original advertisers of this line twelve months ago, and have not changed our quality. We have hundreds of satisfied customers. Any quantity supplied. PRICES:

Less than 5,000, 16/3 per 1,000; 5,000 @ 16/-;
10,000 @ 15/6; 20,000 and upwards, 15/- per 1,000.
Registered Post Free. Cash with Order.

A. S. PRICE & CO., LTD., Blackheath, Birmingham.

Saccharin Tablets.

1/2 gr., 330 in 1. Guaranteed the Genuine Article.

£7 0 0 per lb. Cash with Order.

Delivery per return. Reg. post paid. Special quotations for large quantities.

HENRY BOWN, Chemist, 154 Cemetery Road, SHEFFIELD.

Telegrams: 2742 Sheffield.

Advertisements for this Supplement must be received not later than First Post on Thursday Morning.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON, N.—Old-established Business; Retail and Dispensing; returns between £1,900 and £2,000 per annum; gross profit £700; well-appointed shop and ample working stock; roomy house, with side entrance; held on lease; no immediate opposition; price to be arranged equitably; the business is one that we can recommend, and is worth the attention of a gentleman with good-class experience.

2.—HOME COUNTY.—Modern Pharmacy, situate in pleasant district; well-appointed shop and ample stock; returns, present rate, £1,500 under management; the business admits of extension; full investigation invited; part payment.

3.—LONDON, N.W.—An exceptionally good and reliable Business in select residential locality; returns £2,219; net profit over £600; terms, valuation of stock and fixtures, and sum for goodwill to be agreed equitably; vendor retiring.

4.—LONDON (Residential Suburb).—Death vacancy; all good middle-class trading; excellent position; returns average £1,200; gross profit about £450; well-appointed shop and comfortable residence; price £600.

5.—LONDON, N.W. (Residential Suburb).—Well-established Business, held by vendor upwards of 25 years; returns, present rate, over £50 per week at fair prices; well-appointed shop, fitted in mahogany; there is a comfortable residence; held on lease; no near opposition; price £850.

6.—LONDON, N.W.—Ready-money Business; returns, present rate, £50 per week; gross profit about one-third; rent £50; no near opposition; price £350 for speedy transfer.

7.—LONDON, N.W. (Main Thoroughfare).—Good-class Business; Retail and Dispensing; net profit £600; well-appointed shop, nicely fitted and fully stocked; valuation terms would be considered, or lump sum offer.

8.—OXON.—Good-class Business for disposal through death; established upwards of 100 years; returns over £1,500; net profit £300; no opposition; price £1,000.

9.—SOUTH COAST.—Cash Retail Business for disposal through death; returns show a steady increase, last year's turnover being £2,457; splendid business; premises in main road; valuation of stock and fixtures only required.

10.—SEASIDE (Fashionable Watering Place).—Sea view; an established good-class Retail and Dispensing Business, held by vendor many years; returns, present rate, about £1,200; well-fitted shop; vendor is giving up owing to ill-health and advanced years; a reasonable offer would be considered.

11.—For disposal, well-known Proprietary Business, which has been established upwards of 100 years; gross receipts average between £2,500 and £3,000 yearly; net profit exceeds £750; price, to include goodwill, stock, plant, and book debts, £3,000.

12.—HARROW (Within Easy Distance of).—Retail and Dispensing Business; returns about £4,000 (present rate); business suited to an energetic man with knowledge of good-class trading; terms, valuation of stock and fixtures and premium for goodwill.

13.—WESTERN COUNTY.—Old-established Business, situate in one of the best positions in good market town; returns between £1,600 and £1,700; commodious residence, with private entrance, garden, and greenhouse; price about £1,000.

14.—SOUTH COAST (Seaport).—Cash Retail Business, capable of extension; returns, present rate, £600; the shop offers a good nucleus; small residence; rent moderate; price £300.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

LONDON, S.E.—Net profit £250; commanding position; no opposition; corner; comfortable house; Retail business; several Proprietary articles included; at present being carried on as a Drug Store; qualified man doing Panel would increase profit to £350; special sale; terms to qualified, either sex; lease or otherwise; all at, £250. Edwardes, 43 Margravine Gardens, London, W. 6.

NORTH DEVON.—Good-class Retail and Dispensing Business in rising seaside resort; death cause of sale; established 1890; price £150, inclusive of stock and goodwill; adjoins library and tourist bureau; good house at inclusive rental of £40 per annum. Full particulars from Tourist Bureau, Combe Martin.

SOMERSET.—Genuine old-established Business; returns £1,500; average profit; good lease, residence, and stock; reasonable offer accepted; particulars on application. Apply 31/40, Office of this Paper.

FOR Sale, as a going concern, an old-established Homeopathic Dispensing and Prescribing Business, with a Dental Practice attached; turnover about £1,500 per annum; ill-health cause of selling. Apply 72 Camp Hill, Birmingham.

RETURNS £1,750.—High-class Dispensing and Family Retail, with good profits; handsomely fitted and well-stocked Pharmacy in healthy suburb, with excellent residence; old-established; valuation of stock and fixtures, and sum for goodwill; references and available capital must be given before particulars are furnished. Apply "Tablet" (15/35), Office of this Paper.

TO Let, Look-up Shop, or whole Shop and living premises, in fast developing residential district; low rent; recently vacated by Chemist who would dispose of handsome fixtures for low price. Geo. Reeves & Co., 267 Mitchenham Lane, Streatham, S.W. 16.

SALES BY AUCTION.

LONGLEY & ANDERSON will sell by auction on October 9th, at 1 o'clock, at their Sale Rooms, Epsom, 2 H.P. Electric Motor and 20 gall. Emulsifier, with shafting pulleys, etc. (nearly new); water jacketed, and suitable for any liquid mixing; also Stocks and Dies. Offices, High Street, Epsom.

FOR SALE.

PINDAR'S Pill Machines for Sale; two cutting and one rolling machine; three extra rollers. H. T. Hines, 86 High Street, Whitechapel.

WILKINSON'S Speedy Ointment Mill for sale; price £65 ex works. Cuxson, Gerrard & Co., Ltd., Oldbury.

25 GROSS Round Lever-top Tins, 10 oz., clean but not new, offers wanted; 100 lb. Manganese Resinate; 2 gross 4 and 20 oz. glass-stoppered White Bottles, 6 doz. Eye Douches, 3 doz. 4 and 1 oz. Drop Bottles, 1 gross Teat and Tube Droppers, 1 doz. quart Enamel Iron Douches with tube and vulcanite, 6 doz. 1-lb. bottles Sodii. Sulph. Crystals, 6 doz. ditto Mag. Sulph., 3 doz. bottles Ol. Santal Capsules, 10 minims, 6 doz. Burgoyne's Cough Mixture, 100 lb. picked Gum Arabic; all new; price 10 per cent. under list, carriage paid. James, Chemist, Fitzhamon Lane, Cardiff.

2 LB. Acid. Tannic, 1 lb. Ext. Viburn. Liq., 1 lb. Ext. Damiane Liq., 1 lb., Tr. Hamamelidis, 4 lb. Elixir Pepsin Lactate, 3 lb. Tr. Quassia, 6 lb. Tr. Nucis Vom., 3 lb. Tr. Cinnamon., 3 lb. Tr. Tolu., all B.P. new unopened bottles; 1 lb. Hewlett's Mist. Pepsin et Bismuth, do. 1 lb. Liq. Santal, Buchu and Cubeb, 6 Maw's Atomizers, 6 Maw's Ware Inhalers, 36 Gosnell's Tooth Paste (soft), 36 Glass Syringes, 24 Crêpe Bandages, 12 Lactometers and Glass, 48 Tatcho, 1 gallon Ol. Amygdale B.P., 1 gallon Ol. Sinapis, 28 lb. Cortex Cascara; price 10 per cent. under list, carriage paid. James, Chemist, Fitzhamon Lane, Cardiff.

17 WINCHESTERS, Inf. Senegæ Conc. 1 to 7, at 4s. lb., bottle 9d.; one Winchester of 5 lb. sent carriage paid on receipt of 20s. 9d. John Noble, Pharmacist, 17 Owen's Row, London, E.C. 1.

PARSON C. BAKER

(Pharmaceutical Chemist),

Trade Valuer & Transfer Agent.

Recommended by The British Drug Houses, Ltd.; Messrs. Meggs & Co.; Barclay & Sons, Ltd.

Valuer to the Association of Manufacturing Chemists.

74 High Street, WALLINGFORD, Berks.

BERDOE & FISH

VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—SOUTH COAST.—First class Retail and Dispensing Business; in same hands many years; retiring; returns about £900; commanding position; plenty of scope in energetic hands; attractive Pharmacy; well stocked; price simply valuation; no goodwill.

2.—OXON (Death Vacancy).—Old-established good-class country Business in centre of large agricultural district; quite unopposed; returns £1,550; net profit £567; good house and garden; well stocked shop; price about £900.

3.—LANCS.—Sound Cash Retail, within three miles of Bury; present returns about £1,000; no panel; wine licence; very low rent; same hands many years; population 7,000; good chance for smart man; price £400, or offer.

4.—CITY (Death Vacancy).—High-class Dispensing and Retail in splendid position; returns average about £30 weekly under management; plenty of scope; price for quick sale simply valuation, about £650.

5.—SOUTH LONDON (Close to City).—Brisk Cash Business for disposal; returns nearly £40 a week; good profits; splendid corner position in busy main road; fully stocked; good modern premises; price £300, and stock at valuation.

6.—LONDON (Surrey Suburb).—Good-class Retail and Dispensing Business in good position; returns £1,800; net profit nearly £450; books well kept; very convenient house; price about £900.

7.—LONDON, W.C.—Profitable Cash Retail, increasing; returns, under Manager, £1,050; net profit £300; low rent; good position and well stocked; price £450.

8.—LONDON SUBURB, S.E.—Well-established Cash Retail; very profitable, and scope for increase; returns £540 under Manager; net profit £250; price £300, about value of stock and fixtures.

STOCKTAKINGS.

We are now booking dates for October, and appointments should be made early to avoid dates clashing. Terms sent on application. 45 years' practical experience.

BUSINESSES WANTED.

QUALIFIED Chemist desires to purchase whole or part of going concern—either a Proprietary or small Wholesale. Replies to 31/60, Office of this Paper.

AGENCIES.

AGENTS required with good connections in South Africa, Canada, India, and Colonies by manufacturers of first-class proprietaries, including Infants' Food and Toilet Specialities. References and full particulars to 188/73, Office of this Paper.

THE ANGLO-FRENCH DRUG CO., LTD., desire to inform the trade that they have opened a Branch in Paris with large Stock Rooms. They are therefore now in the position to offer their unique experience in introducing British goods and Specialities into France, and would be pleased to receive proposals as to sole Agencies. The Company would also act as buyers in France for British and Colonial firms on a small commission basis. Proposals, etc., which will be treated confidentially, to be sent to the Head Office, Gamage Buildings, Holborn, London, E.C. 1.

PARTNERSHIPS.

PHARMACEUTICAL Chemist desires profit-sharing interest in Wholesale or Retail and Wholesale business; competent Manager, Analyst; good manufacturing experience. Apply 27/35, Office of this Paper.

PHARMACIST, with small amount of capital, desires partnership in Proprietary Medicine or article, or in business where part-time services only can be given until end of war; highest references given and required. Write fully to "Beta" (26/30), Office of this Paper.

SITUATIONS OPEN.

RETAIL.

ABERDOVEY, NORTH WALES.—Qualified Manager for a small business, to live in house attached; good references essential. Apply, with particulars as to salary, experience, etc., to Lloyd, 267 King's Road, Chelsea, S.W. 3.

BATH.—Competent Assistant required in good-class Dispensing business. State usual particulars, with salary required, to Williams, 25 Wellsday.

BATH.—Assistant; either sex; Light Retail and high-class Dispensing; some experience; outdoors; comfortable berth. State salary and apply 31/37, Office of this Paper.

BIRMINGHAM.—Wanted, a lady Assistant; qualified or unqualified. Reply, stating age, previous experience, and salary required to Izon, 86 High Street, Aston.

BIRMINGHAM.—Wanted, lady Assistant with general and Dispensing experience. State full particulars, experience, and salary required to "A. M." (192/29), Office of this Paper.

BRISTOL.—Qualified Manager required for medium-class Retail, with N.H.I. Dispensing; business is adequately staffed, and the position affords good scope. Please give full particulars in first letter to Stokes, Chemist, 31-35 Lower Castle Street, Bristol.

CAMBRIDGE.—Lady Assistant (Hall) required for good-class Dispensing business. State salary, etc., S. F. Barker, 46 Chesterton Road, Cambridge.

CHEPSTOW.—Competent lady or gentleman Assistant for Light Retail and Dispensing; outdoors; easy hours; no Sunday duty. Apply, with full particulars, Clarke, Chemist, Chepstow.

COVENTRY.—Experienced lady Assistant required, chiefly for Dispensing. Apply, giving usual particulars, to Chas. H. Welton, The Pharmacy, Coventry.

EVESHAM.—Assistant wanted; outdoors; very easy hours; no Sunday or after hours duty; no N.H.I.; other Assistants kept. State age, height, experience, salary required, Elliott, Chemist, Evesham.

HASTINGS.—Discharged soldier, sailor, or ineligible, with first-class Dispensing and Retail experience, required in Dispensing and Retail business. Kindly state references, salary required, and enclose photograph (vacancy now open), Neve & Co., Proprietor Harold E. Skyrme, 12 Wellington Place, Hastings.

LAKE DISTRICT.—Wanted (at once), Junior Assistant (male or female). Apply, with reference and salary required, to Thomas Bell, Chemist, Ambleside.

LEEDS.—Qualified lady Assistant for Dispensing and Retail department. State age, experience, salary required, and when disengaged, Reynolds & Branson, Ltd., Leeds.

LIVERPOOL.—Assistant required for good-class Dispensing; outdoors; part-time study could be arranged. Brigham, 28 Lark Lane, Sefton Park.

LONDON CITY.—Smart Junior required; hours 8.30 to 6.30, Saturdays 1.30. Apply Cassie & Co., 49 Newgate Street, E.C.

LONDON, N.—Lady Assistant required for Dispensing and Counter; outdoors; comfortable berth; two kept. Apply, stating experience, age, height, and salary required, to Dow Brothers, 44 Seven Sisters Road, Holloway, N. 7.

LONDON, N.E.—Immediately, unqualified Assistant; easy hours; half-day weekly; Sunday duty one in four; 6 p.m. to 8 p.m. State particulars and salary required to Briggs, 75a High Street, Walthamstow.

LONDON, S.E.—Qualified Chemist, lady or gentleman, as Manager; Dispensing department; capable and accurate. Apply, stating references, salary, etc., Chemist, 77 High Street, Croydon.

LONDON, S.W.—Experienced Dispenser wanted; hours alternately 9 to 7 and 11 to 9; Sunday duty once a month; sleeping accommodation if required; salary about £3 5s., according to qualifications. Full particulars to 33/5, Office of this Paper.

LONDON, W.—Wanted (at once), Junior Assistant for high-class Dispensing business. Apply 31/28, Office of this Paper.

MANCHESTER.—An unqualified Assistant for the Retail Counter of a high-class business. In reply give fullest particulars of experience, 191/71, Office of this Paper.

MANCHESTER.—Lady Assistant wanted in high-class Retail and Dispensing business; previous Counter experience necessary. State age, experience, and salary to R. H. Wheldon, Chemist, West Didsbury, Manchester.

MANCHESTER DISTRICT.—Elderly qualified Chemist required; good Dispenser; state age, salary, and references; permanency if suitable. Apply 31/36, Office of this Paper.

MIDLANDS.—Qualified Assistant wanted as Substitute; hours 8.50 a.m. to 8 p.m., Thursdays 1 p.m., Saturdays 9 p.m., alternate Sundays 6 to 8 p.m. State salary and when disengaged to 18/38, Office of this Paper.

MIDLANDS.—Qualified Chemist required in good-class Retail business, chiefly for Dispensing; low category man preferred if energetic, or qualified lady with Retail experience. Apply, stating full particulars, to 193/31, Office of this Paper.

RICHMOND, SURREY.—Lady Assistant wanted for Counter; good-class trade; comfortable hours. Apply personally, or by letter, Coppen Bros., Ltd., 12½ Carey Street, Vincent Square, Westminster, S.W.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SURREY.—Wanted, unqualified Assistant for Light Retail and Dispensing business; rejected or discharged from Army. State experience and salary required, "W." (192/293), Office of this Paper.

WEST RIDING.—Young lady Assistant required for Light Retail and Dispensing business; comfortable permanency. State age, Dispensing experience, and when at liberty, "W. R." (192/290), Office of this Paper.

YORKSHIRE, WEST RIDING.—Elderly qualified man required; very easy hours; light duties; permanency if desired. "L. M." (192/292), Office of this Paper.

A QUALIFIED Manager, having acquired a business, wishes to recommend a good man for the position which advertiser has held five years; permanency, with short hours; good house if required; salary £5 10s.; required at once. Full particulars to G. K. Robinson, 164 Infirmary Road, Sheffield.

A SSISTANT (unqualified) for Drug Store; easy hours; good salary; best references only accepted; application from late Army compounder entertained. Apply 9 Wickham Lane, Plumstead, S.E. 18.

A SSISTANT wanted; lady or gentleman; outdoors; accustomed to brisk Counter trade; easy hours, no Sunday or Bank Holiday duty; personal interview preferred. Apply, with full particulars, salary required, etc., to Quin & Axtens, Ltd., Drug Department, 418 Brixton Road, S.W. 9.

A SSISTANT required after November 1st; outdoors; ineligible or low category. Apply, stating age, experience, salary, etc., to H. W. Beale, 17 South Norwood Hill, S.E. 25. Phone: 310 Croydon.

A SSISTANT wanted; active; ineligible; permanency. Apply, giving reference, salary required, etc., C. A. Critchley & Co., 10 King William Street, Blackburn.

A SSISTANT wanted for quiet cash trade. State salary and particulars, Wilsons, Chemists, Wigan.

A T once, reliable Manager wanted for Branch; qualified; ineligible. Also Junior for head shop. Give full particulars in first letter, S. Cook, Chemist, 76 Radford Road, Nottingham.

C OMPETENT lady Assistant wanted (at once) for branch; good-class Retail and Dispensing. Full particulars of experience, references, and salary required, Lewis Wing, Ltd., Chemists, Weston-super-Mare.

J UNIOR wanted for high-class Dispensing business; Counter, Photography; outdoors; good references; lady or gentleman. Please send particulars of experience, and enclose photo, to Francis Rose, Boscombe Pharmacy, Bournemouth.

J UNIOR Assistant; unqualified; ineligible for Army; capable Dispenser. State full particulars and salary required (outdoors), 31/32, Office of this Paper.

L ADY Assistant or Improver; nice shop; good-class business; no Sunday duty. Please state full particulars as to age, experience, salary required, when disengaged, Foster, 32 West Street, Farnham, Hants.

L ADY Dispenser wanted for a good-class business; must be neat and accurate; qualification not essential; knowledge of bookkeeping an advantage. Give all particulars as to age, previous experience, and salary required (outdoors), to E. M. and M. T. Chater, Chemists, Watford.

L ADY Assistant; Retail and Dispensing; preferably with knowledge of P.O. duties, or willing to assist. State age, previous experience, and salary required, Stewart, 522 Barking Road, E.

L ADY Dispensers wanted, with knowledge of Counter work; good salary and commission. Apply Parke's Drug Stores, Ltd., 65 Harmond Street, Kentish Town, N.W. 1.

L ADY Dispenser; must be good writer. Apply Mr. E. J. Jenkins, 80 Gloucester Road, South Kensington, S.W.

L ADY Dispenser required for good-class Light business; previous experience with Chemist essential; good salary and every consideration to suitable applicant. H. Hocken, Pharmacist, Redhill, Surrey.

L ADY (qualified) to manage branch; no Sunday duty; hours easy; house provided; permanency if suitable. State salary required and other particulars to 32/190, Office of this Paper.

L OCU required (immediately); qualified; reliable references essential. Apply Atkins, 71 East Hill, Wandsworth.

M ANAGER (qualified) wanted for West of England seaside town early in November. Particulars as to age, height, references, experience, and salary required (house, rent and rates free, provided), 30/26, Office of this Paper.

M ANAGER or Senior, discharged or ineligible, by 1st November, married, to live over shop, for good-class Retail and Dispensing, and little Photographic. Apply T. E. Savage, 30

M ANAGER; qualified; easy hours; no Sunday duty; rooms provided; permanency to suitable man; elderly gentleman entertained. Apply, stating age, salary, etc., to "Phenazone" (32/19), Office of this Paper.

M ESSRS. TIMOTHY WHITE CO., LTD., Chemists, Ports-mouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

Q UALIFIED Assistant; outdoors; no night duty. Apply by letter in first instance, C. J. Miles, 165 Edgware Road, London, W. 2.

Q UALIFIED Locum wanted for one month from October 21st; Staffordshire; state salary required. Apply 31/22, Office of this Paper.

R ELIABLE qualified Manager for high-class Dispensing and Retail business; ineligible for military service; permanency. State salary (outdoors) to 31/400, Office of this Paper.

R EQUIRED, Dispenser (lady or gentleman) in a large West-End house; Minor qualifications preferred; competent, and good experience necessary; hours of work 8.45 to 6 o'clock, 1 o'clock Saturdays, no Sunday duty. Apply personally or by letter, with full particulars of past experience and salary required, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

R EQUIRED, a fully-qualified Assistant; lady or gentleman; discharged or over military age. Apply with full particulars, stating salary, etc., to Longman, Chemist, Littlehampton.

R EQUIRED, lady Assistant for Front Counter in a large West-End establishment, with good knowledge of Drugs and Toilet articles; good salary and commission on sales. Apply personally, or by letter, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

S URGICAL INSTRUMENT BUSINESS.—Assistant for Shop Counter; state age, other duties accustomed to, and wages expected. Reply "Surgical," Lee & Nightingale, Liverpool.

U NQUALIFIED Assistant, with good experience in the Retail, required for the Stocktakers' department of a large firm of Chemists (Retail); single man preferred; permanency, with excellent prospects. Apply 192/291, Office of this Paper.

U NQUALIFIED Assistant wanted, either sex, for Dispensing and Counter, National Insurance; permanency; in- or outdoors. State full particulars, with salary required, 186 Mare Street, Hackney.

U NQUALIFIED Counterman and Dispenser wanted, with knowledge of Photography; must be ineligible for military service; salary £3 15s. per week and commission. Apply "M." (30/38), Office of this Paper.

U NQUALIFIED Locum wanted for two months from October 7th; must be able to Dispense; state salary required; near Birmingham. Apply 31/220, Office of this Paper.

W ANTED, qualified Assistant in eastern part of City; must be reliable, sober, etc.; five rooms over shop, or, if preferred, outdoors; state salary required; 9 to 8, close Thursdays. Also part-time Assistant. Apply 25/36, Office of this Paper.

W ANTED, young Junior or Improver; one just leaving Apprenticeship will suit; outdoors; if with some knowledge of good agricultural business preferred. Full particulars to L. Rowland & Co., Chemists, Wrexham.

W ANTED, a Locum for about three or four weeks from the middle of October; accustomed to Dispensing; £4 weekly; indoors. Apply to P. Stacey, Pharmacist, 81 High Street, Teddington, S.W.

W ANTED, an experienced Assistant Dispenser (lady) at a Voluntary Hospital in Manchester; Minor qualifications; with board and residence. Address, stating salary required, age, and full particulars, with copies of not more than three testimonials, to 29/20, Office of this Paper.

W ANTED, unqualified Assistant, about October 21st; discharged or low category; Dispensing and Light Retail business; easy hours. State references and salary required to Chettle, Clevedon, Somerset.

W ANTED, competent Junior Assistant in good-class Dispensing business. Apply William Brown, 1 King's College Road, Hampstead, N.W. 5.

W ANTED, capable lady Assistant for good-class Dispensing business; hours 9-8, Wednesday 9-1, Saturday 9-9; salary £2 5s. per week. Rutter, Chemist, Seaforth.

WHOLESALE.

M ANCHESTER.—We have vacancy for an Assistant experienced in better-class Pharmacy; good Dispensing; hours 8.45 to 7, Saturdays 1 o'clock, no Sunday or Bank Holiday duty; £208; permanency. Write, in confidence, to Mr. Sprott, Midgley, 4 Exchange Street, Manchester.

M ANCHESTER.—Unqualified Assistant or Stockkeeper wanted; badged man preferred. Blain & Hankinson, Pharmaceutical Chemists (formerly Woolley's), 69 Market Street.

M ANCHESTER.—Unqualified Assistant required in good-class City Dispensing business.

ASSISTANT Forewoman; supervise packing Toilet and Medical lines; practical worker with experience of control. Full particulars in confidence, and remuneration required, 23/39, Office of this Paper.

ANALYTICAL LABORATORY.—Assistants wanted; must be conversant with Volumetric work and preferably have knowledge of Pharmacy; £90 to £130. Box 661, Smith's Agency, Ltd., 100 Fleet Street, E.C. 4.

CELLARMAN wanted; accustomed to putting up heavy lines; Oils, Syrups, etc. State wages and experience, Gale & Co., Ltd., 15 Bouverie Street, E.C. 4.

CHEMIST, or man with Chemical knowledge, wanted for checking quality and tasting beverages in London Mineral Water Factory; good salary for suitable man. Write B. B., 18 Cornhill, E.C. 3.

FOREMAN required by a progressive firm of Manufacturing Chemists; applicants should have a knowledge of the manufacture of Malt Extract and Pharmaceutical products. Apply, stating experience, age, and salary required, to "A. B." (12/3), Office of this Paper.

INVOICE Clerk; married preferred. Particulars as to salary and experience to the Managing Director, Randall & Son, Ltd., Wholesale Druggists, Southampton.

LADY, with Chemical knowledge, Hall qualification preferred, to assist in Works Laboratory at Stratford, London; permanency. Write, stating age, experience, and salary required, to Z. W., 620, care Deacon's, Leadenhall Street, E.C. 3.

LONDON house requires experienced Laboratory Assistants for manufacture of Galenicals. Apply, giving full particulars of previous engagements, to "Kola" (193/22), Office of this Paper.

SAVORY & MOORE require a Forewoman in their factory; preferably one with some knowledge of lozenge-making, and can control girls. Apply Shipping Manager, 143 New Bond Street, W. 1.

SENIOR Invoicing Clerk required for London Wholesale Druggists; responsible position with good prospect; previous experience in pricing a recommendation. Full particulars to 187/50, Office of this Paper.

SMART Travellers required on good commission basis (£10-£20 weekly), to introduce a first-class repeater (Sugar Substitute); only those need apply who can sell on pro forma terms. Give full particulars and references, in strict confidence, to 29/9, Office of this Paper.

TABLET Maker or Granulator wanted; Liverpool; permanent post; good salary. Apply 137/18, Office of this Paper.

TRAVELLERS, calling on Chemists and Perfumers, required to sell on liberal commission terms, new and novel Toilet preparation. State, in confidence, houses represented and districts, 33/1, Office of this Paper.

WANTED, Representative for London; Midlands and Ireland; well introduced with the Wholesale trade of Chemical and Pharmaceutical products; offers useless without first-rate references. Chemical Works Madoery, Ltd., Basle, Switzerland.

WANTED, experienced Tablet Machinist. Apply W. B. Cartwright, Ltd., Tablet Makers, Rawdon, near Leeds.

WANTED (at once), Junior Assistant (ineligible) for Wet Counter. State age, references, and salary required, William Hay, Ltd., Manufacturing Chemists, Hull.

WET Counter; first hand; permanent situation. State age, experience, and wages required to Secretary, General Apothecaries' Co., Ltd., 49 Berners Street, W. 1.

WET and Dry Counterman wanted by Wholesale house, London. State experience, previous engagements, and wages required to "Export" (193/220), Office of this Paper.

WHOLESALE London house requires Stockkeeper for bottle department; must have had good experience of Druggists' bottles of all descriptions. Apply by letter to "Class" (193/221), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

JAPAN.—Wanted immediately, an Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; must be ineligible for the Army. Send for full particulars, with photo, to J. W. Franklin, c/o Bailey's Hotel, Gloucester Road, S.W. 7.

PARIS.—Competent Dispenser; qualified preferred; male or female; outdoors; no Sunday duty. Write, giving particulars of age, experience and salary required, and enclose photo if possible, Roberts & Co., 5 Rue de la Paix, Paris.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

ADVERTISER, 33, Grade 3, desires change; used to control of business doing £2,000 a year; unqualified; not afraid of work. State salary offered, hours, etc., provinces only, South preferred, "Energy" (29/32), Office of this Paper.

ADVERTISER, Student for Minor, desires part-time work every evening and all day Saturday free. Particulars to 34/18, Office of this Paper.

ASSISTANT or Dispenser; unqualified; experienced; every evening 5, all day Saturday and Sunday; N. London. Pearson, 124 Squires Lane, Finchley, N. 3.

ASSISTANT; unqualified; ineligible; Dispensing, Counter, Extractor; disengaged shortly; North or Midlands. "Nunquam" (30/7), Office of this Paper.

ASSISTANT; unqualified; eighteen years' all-round experience with Chemists and Doctors; qualified in America; whole or part time. Address "Indian," 12 Torquay Street, Paddington, W. 9.

ASSISTANT; experienced; unqualified; over age; City preferred. Norris, 43 Adolphus Street, New Cross, S.E.

BRANCH Manager or Assistant; 42 years; unregistered; married; competent all branches; N.H.I. qualification; Grade 3; conditional exemption; highest references; shortly disengaged. "Statim," 135 Queen Street, Newton Heath, Manchester.

CAPABLE Pharmacist requires post as Manager; experienced; 28; Grade III.; good Dispensing business preferred. Apply 29/40, Office of this Paper.

CHEMISTS requiring qualified assistance, a Pharmacist (elderly) places his services at their disposal; managing or locum. M.P.S., 8 St. James Road, Southampton.

COMPETENT unqualified Assistant; Grade 3; well educated; Manchester or Liverpool city business preferred. State salary, hours, etc., 28/7, Office of this Paper.

DISCHARGED, qualified, 29, married, seeks permanency; first-class experience and references. Please state salary offered, 32/35, Office of this Paper.

DISENGAGED October 5th; London preferred; Locum; permanency; excellent references and experience; reasonable terms. Chemist, 47 Wilton Avenue, Southampton.

DISENGAGED; 27; Grade III.; Dispensing, Photography, experienced Retail, Manufactory. "The Nest," Heston Road, Hounslow.

DISPENSER; unqualified; Chemist or Doctor; some knowledge of Counter work; 45; married; permanency; good references. "Tabloid" (29/31), Office of this Paper.

DISPENSER, lady (Hall), desires post with Doctor, Hospital, or Chemist; Manchester or suburbs. "The Empire," 4 Corporation Street, Manchester.

DISPENSER, Bookkeeper, etc.; elderly; abstainer; good references; disengaged last week October. Apply 31/10, Office of this Paper.

DISPENSER-BOOKKEEPER (Hall), 33, ineligible, desires change (Doctor or Institution), where half-day weekly could be obtained; present situation 7½ years; excellent references. Apply 26/29, Office of this Paper.

DISPENSING required in London by lady; Hall qualification; Pharmacy experience; quick, accurate; excellent testimonials; about three hours evenings or afternoons. Apply 29/23, Office of this Paper.

GRADE 3; unqualified; 18 years' experience; single; abstainer. Apply 29/28, Office of this Paper.

LADY Dispenser; Minor and Apothecaries' Hall qualifications; age 22. State hours and salary offered to Nash, c/o Randall & Sons, Ltd., 146 High Street, Southampton.

LADY Minor desires evening work; Hospital, shop (Dispensing only); also Saturdays, Sundays. Apply 30/34, Office of this Paper.

LADY Dispenser, Hall, experienced, requires post with Doctor (no bookkeeping), Hospital, or Institution; Croydon or neighbourhood. Peto, 126 Oakfield Road, Penge, S.E.

LADY (young), Hospital and Doctors' experience, desires post. Apply "D.", 46 High Street, Bridgnorth, Shropshire.

LADY Dispenser, one year's experience, wants (immediately) post in London until end of October. Mrs. Rowley, 187 Queen's Gate, S.W. 7.

LADY Student Dispenser desires part-time post (or whole time for three months) with Doctor or Hospital; really good Dispenser; London preferred, but suitable post considered; salary. Apply 27/39, Office of this Paper.

LADY Dispenser (22), Hall, desires post; Doctor or Hospital; London district; Hospital experience. Address "S., 24 Midmoor Road, S.W. 19.

LADY DISPENSER.—Young lady, age 19, seeks position as Dispenser in Surgery or high-class Retail; indoor preferred; apprenticeship just completed. Apply, with full particulars as to salary offered and hours, to "Robertson," c/o Randall & Son, Ltd., Dispensing Chemists, 146 High Street, Southampton.

LADY Dispenser, Hall qualification, desires post in Hospital, Institution, or with Doctor in S.W. district. Miss Thompson, 28 Park Mansions, Battersea Park.

LADY Assistant requires post; West, South-West England preferred; good County experience; Dispensing, Photographic; College trained; state hours and salary. Apply 31/12, Office of this Paper.

LADY, Hall qualification, desires position as Dispenser; City or Ilford district preferred. Apply 31/15, Office of this Paper.

LADY Dispenser requires post with Doctor or Institution; Hall certificate. Apply 32/38, Office of this Paper.

LADY Pharmacist, experienced, Minor, wants permanent Hospital work; wishes to learn Radiography. Address 32/2, Office of this Paper.

LADY Dispenser (Hall) seeks post; North London preferred. "E." (32/1), Office of this Paper.

LOCUM or temporary; City or West; unqualified; rejected; 29. Reply "W., 45 Hillcourt Road, East Dulwich, S.E. 22.

LOCUM; disengaged October 7th; over 30 years' wide Pharmaceutical and Hospital experience; qualified. M. Smith, 238 Prince Regent's Lane, Plaistow, E. 13. After Monday address 33 Albert Street, Warsop, Mansfield.

LOCUM or small Branch Manager; good references; South Devon preferred; age 45. Apply Turner, c/o Mr. Barlow, Caen Street, Braunton, Barnstaple, Devon.

LOCUM, qualified, middle-aged, disengaged after 12th. Cito, 4 Blenheim Road, St. John's Wood, N.W. 8.

LOCUM, disengaged October 12th, or Manager; highest references; varied experience. Apply 32/32, Office of this Paper.

LOCUM; qualified; discharged; excellent references; disengaged. Apply 32/351, Office of this Paper.

LOCUM or Manager; qualified; 46; Grade 2; at liberty. "B., 71 Sunbury Road, Liverpool.

M.P.S., F.S.M.C., offers part-time relief; good salary; best experience; London or suburbs. Apply 29/8, Office of this Paper.

MANAGER or Locum; qualified; West-End and suburban experience; disengaged. Kindly state full terms of engagement, "D., 159 Clive Road, S.E. 21.

MANAGER; Army discharge; unqualified; good references. Chemist, 90a Pearcroft Road, Leytonstone, E. 11.

MANAGER (temporary or otherwise); qualified; excellent experience and references; 55; abstainer. Apply 30/39, Office of this Paper.

MANAGER, qualified, 51, seeks permanency; married; good experience and successful Manager. Reply 31/21, Office of this Paper.

MANAGER or Locum; elderly; qualified. Pharmacist, 18 Peshurst Road, South Hackney, E. 9.

MANAGER or Locum; over military age; disengaged; qualified; married; successful Prescriber. Chemist, Parkholme, Beaconsfield Road, Clacton-on-Sea.

MANAGER, qualified, experienced, reliable, requires permanency. State salary, 31/35, Office of this Paper.

MANCHESTER OR DISTRICT PREFERRED.—Assistant 33, exempt, Grade III., experienced Dispensing, Prescribing, Counter, desires part-time post, or would undertake Locum duty. Apply 33/4, Office of this Paper.

PHARMACEUTICAL Chemist, recently returned from scientific work in France, seeks responsible position with good business firm or Institution. Apply 31/30, Office of this Paper.

PHARMACIST (30), Grade 3, desires permanency with good prospects; excellent English and Scottish experience; Dispensing, Surgical appliances, Agricultural, busy Counter, Window-dressing (prize winner). Particulars and salary, 31/3, Office of this Paper.

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QUALIFIED desires branch; 44; married; references sound; results assured; seaside preferred, not essential. "Advanco" (193/30), Office of this Paper.

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QUALIFIED; Grade 3 (returned by military); City experience; disengaged; responsible position or locum. State salary, R. Hiam, M.P.S., St. Edwards, West Malvern, Worcs.

QUALIFIED, 45, ineligible, experienced, seeks position in Light Retail and Dispensing business; easy hours. "Chemist," 115 Church Road, Essex Road, Islington, London, N.

QUALIFIED; 30 years' experience; reliable and active; £4 10s. per week. Apply 34/20, Office of this Paper.

RELIABLE Locum; not Dispenser; over military age; single; thoroughly experienced; good references; unregistered. U. C., Cotham House Cottage, Hillingdon, Middlesex.

UNQUALIFIED, 24, Grade III., desires change; permanency. State salary offered and hours, 32/8, Office of this Paper.

WANTED, from about November 1st, engagement (permanent) as Manager; to live on premises preferred; age 47; married; active; London or suburbs. "Aregen" (29/35), Office of this Paper.

YOUNG lady requires position as Chemist's Assistant; Liverpool district; three years' experience. Apply to Mrs. Smith, 29 Lambert Street, Liverpool.

YOUNG lady (unqualified) requires post in Dispensary; West-End preferred. Apply by letter, R. B., 15 Wymering Mansions, W. 9.

YOUNG lady seeks engagement with Retail Chemist (Bristol or near); four years' Dispensing and Counter experience. Apply 32/17, Office of this Paper.

WHOLESALE.

ADVERTISER requires position as General Manager or otherwise; sound organiser, administrator, and accountant; accustomed to large Factory and Offices; wide commercial experience; last employ 14 years, General Manager and Director; extensively advertised Toilet preparations; disengaged; salary £500. Apply 12/21, Office of this Paper.

ALL-ROUND experience, Manufactory, business, etc.; capable organiser; supervisor; Grade III. "Method" (34/19), Office of this Paper.

ANALYTICAL Chemist, F.C.S., M.P.S., wishes to take appointment as Works Manager or similar post; large experience and unexceptionable references. "A. T. C." (30/14), Office of this Paper.

GENTLEMAN, 46, qualified, travelling for present firm 10 years, desires change; Chemists or Doctors; highest references. Apply 29/15, Office of this Paper.

PHARMACEUTICAL Chemist, discharged, 29, seeks good position in Wholesale house; exceptional references and experience. Please state salary, 32/350, Office of this Paper.

REPRESENTATIVE OR AGENT.—Gentleman, 38, entirely exempt, well educated, expert Salesman, thorough knowledge of Drug and allied trades, good connection, desires berth with keen business firm only, who will adequately reward best possible service. Apply 32/29, Office of this Paper.

TRAVELLER, calling on Chemists in the North, is open to sell Saccharine Tablets on commission. Apply 30/16, Office of this Paper.

TRAVELLER; young, smart, extensive connection; all Wales, Shropshire, Herefordshire, Cheshire, and Lancashire; disengaged; highest references; discharged H.M. Forces. Apply 18/39, Office of this Paper.

WANTED, situation in Wholesale Warehouse; well up in Patents, Druggists' Sundries, etc.; also good Stockkeeper; competent to take charge of departments, accurate checker, and dispatcher of goods; ineligible. Apply 32/11, Office of this Paper.

WORKS Chemist or Manager requires position immediately; thorough practical experience of modern plant and processes; Drugs, Synthetic Chemicals, Dyes, Surgical Dressings, Malt Extract, Oils, Essences, Disinfectants, Standardised Tine-

ASSISTANT Forewoman; supervise packing Toilet and Medicinal lines; practical worker with experience of control. Full particulars in confidence, and remuneration required, 23/39, Office of this Paper.

ANALYTICAL LABORATORY.—Assistants wanted; must be conversant with Volumetric work and preferably have knowledge of Pharmacy; £90 to £130. Box 661, Smith's Agency, Ltd., 100 Fleet Street, E.C. 4.

CELLARMAN wanted; accustomed to putting up heavy lines; Oils, Syrups, etc. State wages and experience, Gale & Co., Ltd., 15 Bouverie Street, E.C. 4.

CHEMIST, or man with Chemical knowledge, wanted for checking quality and tasting beverages in London Mineral Water Factory; good salary for suitable man. Write B. B., 18 Cornhill, E.C. 3.

FOREMAN required by a progressive firm of Manufacturing Chemists; applicants should have a knowledge of the manufacture of Malt Extract and Pharmaceutical products. Apply, stating experience, age, and salary required, to "A. B." (12/3), Office of this Paper.

INVOICE Clerk; married preferred. Particulars as to salary and experience to the Managing Director, Randall & Son, Ltd., Wholesale Druggists, Southampton.

LADY, with Chemical knowledge, Hall qualification preferred, to assist in Works Laboratory at Stratford, London; permanency. Write, stating age, experience, and salary required, to Z. W., 620, care Deacon's, Leadenhall Street, E.C. 3.

LONDON house requires experienced Laboratory Assistants for manufacture of Galenicals. Apply, giving full particulars of previous engagements, to "Kola" (193/22), Office of this Paper.

SAVORY & MOORE require a Forewoman in their factory; preferably one with some knowledge of lozenge-making, and can control girls. Apply Shipping Manager, 143 New Bond Street, W. 1.

SENIOR Invoicing Clerk required for London Wholesale Druggists; responsible position with good prospect; previous experience in pricing a recommendation. Full particulars to 187/50, Office of this Paper.

SMART Travellers required on good commission basis (£10-£20 weekly), to introduce a first-class repeater (Sugar Substitute); only those need apply who can sell on pro forma terms. Give full particulars and references, in strict confidence, to 29/9, Office of this Paper.

TABLET Maker or Granulator wanted; Liverpool; permanent post; good salary. Apply 137/18, Office of this Paper.

TRAVELLERS, calling on Chemists and Perfumers, required to sell on liberal commission terms, new and novel Toilet preparation. State, in confidence, houses represented and districts, 33/1, Office of this Paper.

WANTED, Representative for London; Midlands and Ireland; well introduced with the Wholesale trade of Chemical and Pharmaceutical products; offers useless without first-rate references. Chemical Works Madoery, Ltd., Basle, Switzerland.

WANTED, experienced Tablet Machinist. Apply W. B. Cartwright, Ltd., Tablet Makers, Rawdon, near Leeds.

WANTED (at once), Junior Assistant (ineligible) for Wet Counter. State age, references, and salary required, William Hay, Ltd., Manufacturing Chemists, Hull.

WET Counter; first hand; permanent situation. State age, experience, and wages required to Secretary, General Apothecaries' Co., Ltd., 49 Berners Street, W. 1.

WET and Dry Counterman wanted by Wholesale house, London. State experience, previous engagements, and wages required to "Export" (193/220), Office of this Paper.

WHOLESALE London house requires Stockkeeper for bottle department; must have had good experience of Druggists' bottles of all descriptions. Apply by letter to "Class" (193/221), Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

JAPAN.—Wanted immediately, an Assistant (qualified preferred) in a first-class Chemist's business at Kobe; easy hours; four years' contract; passage paid out and home; must be eligible for the Army. Send for full particulars, with photo, to J. W. Franklin, c/o Bailey's Hotel, Gloucester Road, S.W. 7.

PARIS.—Competent Dispenser; qualified preferred; male or female; outdoors; no Sunday duty. Write, giving particulars of age, experience and salary required, and enclose photo if possible, Roberts & Co., 5 Rue de la Paix, Paris.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

ADVERTISER, 33, Grade 3, desires change; used to control of business doing £2,000 a year; unqualified; not afraid of work. State salary offered, hours, etc., provinces only, South preferred, "Energy" (29/32), Office of this Paper.

ADVERTISER, Student for Minor, desires part-time work every evening and all day Saturday free. Particulars to 34/18, Office of this Paper.

ASSISTANT or Dispenser; unqualified; experienced; every evening 5, all day Saturday and Sunday; N. London. Pearson, 124 Squires Lane, Finchley, N. 3.

ASSISTANT; unqualified; ineligible; Dispensing, Counter, Extractor; disengaged shortly; North or Midlands. "Nunquam" (30/7), Office of this Paper.

ASSISTANT; unqualified; eighteen years' all-round experience with Chemists and Doctors; qualified in America; whole or part time. Address "Indian," 12 Torquay Street, Paddington, W. 9.

ASSISTANT; experienced; unqualified; over age; City preferred. Norris, 43 Adolphus Street, New Cross, S.E.

BRANCH Manager or Assistant; 42 years; unregistered; married; competent all branches; N.H.I. qualification; Grade 3; conditional exemption; highest references; shortly disengaged. "Statim," 135 Queen Street, Newton Heath, Manchester.

CAPABLE Pharmacist requires post as Manager; experienced; Grade III; good Dispensing business preferred. Apply 29/40, Office of this Paper.

CHEMISTS requiring qualified assistance, a Pharmacist (elderly) places his services at their disposal; managing or locum. M.P.S., 8 St. James Road, Southampton.

COMPETENT unqualified Assistant; Grade 3; well educated; Manchester or Liverpool city business preferred. State salary, hours, etc., 28/7, Office of this Paper.

DISCHARGED, qualified, 29, married, seeks permanency; first-class experience and references. Please state salary offered, 52/35, Office of this Paper.

DISENGAGED October 5th; London preferred; Locum; permanency; excellent references and experience; reasonable terms. Chemist, 47 Wilton Avenue, Southampton.

DISENGAGED; 27; Grade III.; Dispensing, Photography, experienced Retail, Manufactory. "The Nest," Heston Road, Hounslow.

DISPENSER; unqualified; Chemist or Doctor; some knowledge of Counter work; 45; married; permanency; good references. "Tabloid" (29/31), Office of this Paper.

DISPENSER, lady (Hall), desires post with Doctor, Hospital, or Chemist; Manchester or suburbs. "The Empire," 4 Corporation Street, Manchester.

DISPENSER, Bookkeeper, etc.; elderly; abstainer; good references; disengaged last week October. Apply 31/10, Office of this Paper.

DISPENSER-BOOKKEEPER (Hall), 33, ineligible, desires change (Doctor or Institution), where half-day weekly could be obtained; present situation 7½ years; excellent references. Apply 26/29, Office of this Paper.

DISPENSING required in London by lady; Hall qualification; Pharmacy experience; quick, accurate; excellent testimonials; about three hours evenings or afternoons. Apply 29/23, Office of this Paper.

GRADE 3; unqualified; 18 years' experience; single; abstainer. Apply 29/28, Office of this Paper.

LADY Dispenser; Minor and Apothecaries' Hall qualifications; age 22. State hours and salary offered to Nash, c/o Randall & Sons, Ltd., 146 High Street, Southampton.

LADY Minor desires evening work; Hospital, shop (Dispensing only); also Saturdays, Sundays. Apply 30/34, Office of this Paper.

LADY Dispenser, Hall, experienced, requires post with Doctor (no bookkeeping), Hospital, or Institution; Croydon or neighbourhood. Peto, 126 Oakfield Road, Penge, S.E.

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MANAGER or Locum; over military age; disengaged; qualified; married; successful Prescriber. Chemist, Parkholme, Beaconsfield Road, Clacton-on-Sea.

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QUALIFIED Dispenser (lady), Hall certificate, desires post; knowledge of bookkeeping; disengaged; N. London preferred. "H.," 14 Denning Road, Hampstead.

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RELIABLE Locum; not Dispenser; over military age; single; thoroughly experienced; good references; unregistered. U. C., Cotham House Cottage, Hillingdon, Middlesex.

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WANTED, from about November 1st, engagement (permanent) as Manager; to live on premises preferred; age 47; married; active; London or suburbs. "Aregen" (29/35), Office of this Paper.

YOUNG lady requires position as Chemist's Assistant; Liverpool district; three years' experience. Apply to Mrs. Smith, 29 Lambert Street, Liverpool.

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MISCELLANEOUS.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—100 International Platinon, 8s. 3d., yield about 9%; 100 Ilford Preference, 20s.; 100 Lamson Paragon Ordinary, 23s. 6d.

Wanted (subject).—Amenbury Preference; W. J. Bush Prefs.; Camwall Ordinary, Preference, and Debentures; Idris "A" Prefs. and Debentures; G. B. Kent Preference; 200 Ilford Ordinary, 20s. 3d.; 300 Parke's Drug Ordinary, 9s. 3d.; Wright Layman Preference.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

ABOUT 5 tons finest Pure White French Chalk; prompt delivery from stock; inquiries solicited. Brazendale & Co., Leeds Street, Liverpool.

FOR Sale, 3 Show Carbons, colours light and dark red, 21s. each; also some odd Partitioning, a useful Iron Safe, Show Cases, and Window Fittings, all suitable for Chemists. Wm. rotter & Sons, Ltd., 160 Aldersgate Street, London, E.C. 1.

SACCHARIN Tablets, 40 lb., $\frac{1}{2}$ gr., 330 in 1 guaranteed, over 7,000 to pound, 1 lb. £7. 2 lb. £6 18s. per lb., 5 lb. £6 18s. per lb.; no better tablet obtainable; cash with order; immediate registered delivery. A. Walton, 40 Washington Street, Bradford.

WHAT offers for five 5-cwt. Casks of Genuine White Pepper? sample 3d.; 10 1-cwt. cases Spanish Juice, 2-oz. sticks. Barker, 42 Bath Street, Abingdon.

25 LB. 550 Saccharin, 402s. 6d. per lb.; $\frac{1}{2}$ gr. in 1 Saccharin Tablets, 22s. per 1,000, or 150s. per lb.; $\frac{1}{2}$ gr. in 1, 16s. per 1,000, or 110s. per lb.; 100's, 24s. per doz.; C.W.O., immediate despatch. Henning, Medical Hall, Larne.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

4 CWT. guaranteed Wood Chemical, 6d. a lb.; 2 cwt. New Zealand Infusorial Earth. Butterworth, 11 Bewley Street, Manchester.

36 BOTTLES Wayne County Oil of Peppermint, 25s. lb., carriage paid. Butterworth, 11 Bewley Street, Manchester.

350,000 SACCHARINE TABLETS for disposal; special brand; well made and soluble; contain pure and finest American Saccharine; $\frac{1}{2}$ grain; about 7,000 to lb.; satisfaction guaranteed: 5,000, 14s. 6d.; 20,000, 14s.; 50,000, 13s. 9d. per 1,000; sample 1,000, 15s.; bankers, Lloyds, Coopers, Chemists, Halesowen, Birmingham. Registered post paid.

200,000 SACCHARIN TABLETS; $\frac{1}{2}$ grain in 1; strength guaranteed by analysis; 15s. per 1,000; registered post same day; cash with order. T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

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BOOKS AND PERIODICALS.

"BUSINESS Encyclopedia and Legal Adviser," by W. S. M. Knight; 9 8s. 6d. volume; complete; excellent condition; what offers? Holland, Maisonettes, Green Road, Bournemouth.

DENTAL.

FIVE Celluloid Full Upper Showpieces. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

1 B. 1 C. 1 caned bottle Sparklet Syphons, 2 5-pt. Seltzogenes caned, one marked "Boots," all second-hand, fair condition. Offers to Scholes, Chadderton, Oldham.

OPTICAL AND PHOTOGRAPHIC.

OPTICAL Trial Case; 30 pairs each Convex and Concave Spheres, 18 each cylinders; mostly unmounted; trial frame, lens measure; price £4, or near offer. Particulars from Bullock, R.A.F. Sick Quarters, Isle of Grain, Kent.

MISCELLANEOUS.

LIQUID Tar Soap, dark, 10 lb. Apply Bindings, Swaffham. **ABOUT** 60 gross of 1 ounce (fluid) Tins, suitable for Tooth Powder or Ointment; 12s. per gross; sample post free two stamps. Shuker, Llanecston.

SUPPOSITORY Moulds, one of each, 3 dozen 15-grain, 1 dozen 15-grain, 1 dozen 30-grain, half-dozen 50-grain. Timothy White Co., Ltd., Portsmouth.

B.P. Filtered Olive Oil, about 4 gallons, what offers? Specie Jar, with gilt top; £1; two Show Bottles with nickel-plated taps, for Lavender Water and Cologne, 10s. each, worth

WANTED.

EMERSON'S Bromo Seltzer. Sharman, Northwood. **ONE** drachm Pill Boxes for cash. State quantity and price, Talbot, Salisbury.

GLYCERINE; any quantity. State price, Roberts, Chemist, Farnham Common, Slough.

OPTICAL Trial Case wanted. M. Blumenfhal, M.P.S., 164 Lightbourne Road, Moston, Manchester.

A REGULAR supply of Beef and Malt Wine; any make. Apply S. T. Shaw, Chemist, Golcar, nr. Huddersfield.

CINEMATOGRAPH, also Toy Electric Train or Tram, complete with rails, etc. Apply 29/16, Office of this Paper.

BEST price given for Tablet-making Machine, also Mixing Machine. "Mondo" (28/13), Office of this Paper.

NO. 5 Zwaneck's or a No. 6 Schilling's Pessary. Lowest price to Howarth, Chemist, 95 Deane Church Lane, Bolton, Lancs.

HINGED Gilt Tins for $\frac{1}{2}$ and 1 oz. lozenges; also small Glass Vest-pocket Flasks; metal screw tops; samples. Prices, "S," 46 Cumberland Road, Acton, W. 3.

STEAM Generator, with or without gas burner; jacketed pan, 15-20 gallons, with or without mixer; also Emulsifying Machine, about 10 gallons. Johnston & Adams, Dundee.

DESCRIPTIVE Catalogues and best prices from Manufacturers and Proprietors of Chemists' Specialties, including Patent Medicines, Toilet Articles, and Sundries. Buyer, c/o W. Bennisson, 8 Cale Street, Chelsea, S.W. 3.

PHARM. Journ. Formulary, B.P.; Martindale, 16th; Squire; Codex. Chemistry, Luff's, Cohen's, Atfield's, Newth's, Perkin's, Kipping's, Muter's. Materia Medica, Greenish's, Southall's, Whittall's, Pharmacopodia, Botany, Lawson's, Johnson's, Green's, Latin, Inoc's, Bennett's. Optics, Laurance's, Druff's, Gray's Anatomy, and others. Unpriced offers useless. Gower, 41 Voltaire Road, Clapham.

HINGED Gilt Tins for $\frac{1}{2}$ and 1 oz. lozenges; samples. Prices, "S," 46 Cumberland Road, Acton, W. 3.

RANGE of covered Shop Jars; 11 inches high. All particulars to Westmacott, Pharmacist, Manchester.

WILL'S Materia Medica, Pharmacy, and Analysis, with signature inside each, "Thomas Hale." Prices to 49 Reginald Street, Luton.

WANTED. Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W. 4.

BIG prices paid for Stokes' or Colton Tablet Machines; Pill Machinery also wanted. Particulars to 78/58, Office of this Paper.

JOB line Tins wanted, suitable for Boot Polish, etc. We are also buyers of Tin Plates, printed or plain. "Brytenup" Polish Works, Marsh Lane, Preston.

DOCTOR WILSON'S SWEETEN-IT

Is a Highly Concentrated Substitute for Sugar.

TRY IT. YOU WILL BE DELIGHTED.

Good for **SWEETEN-IT** Ice-Cream, Cakes, Pastry, Puddings, Jam, etc.

SELLS LIKE HOT CAKES.

Packed in Envelopes.

Retail 3d. Packet costs 30/- gross, Wholesale 27/6 } 5 gross
" 6d. " " 52/- " " 50/- } assorted
" 1/- " " 96/- " " 92/- } only.

Cash with Order. Immediate delivery. Carriage Paid.

AGENTS:

LYNDWOOD & CO., Wholesale Chemists,
71 High Holborn, E.C.

25 TONS OF BEST REFINED SODII BICARBONATE

to be Sold at £22 2s. per ton ex warehouse, Manchester.

B. & A. TRADING CO., 6 St. George's Terrace, Regent's Park, N.W.3.

SACCHARIN 550

"MONSANTO" BRAND

For sale in 5, 10 or 25-lb. tins ... 400/- per lb.
Cash with order.

WATSONS' OF SHEFFIELD

Give **TWO-THIRDS** Retail Price for No. 1 Junior Kodaks and No. 2 Folding Brownies and for many other cameras,

Three-quarters Retail Price for **ROLL FILMS** of all kinds. Out-of-date films bought for experimental purposes.

If you have anything photographic, cameras, apparatus or supplies you cannot sell, send it to us now. It will never be worth so much to you again.

WATSONS', The Camera House,
Tel. No. 27. 24 High Street, Sheffield.

8/6
VERY
FEW.

Jay Mack's Ledger

gives Yearly Sales, Purchases, Exes., with only 10 mins. work weekly; Easy Stocktaking explained; Form Pages show Balance Sheets and Income Tax Deductions; no previous Book-keeping experience needed.

10/6
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Years
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On appro. on receipt of cheque. 1/- Post Booking Fee, deducted if returned.

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Hightown P.O.,
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Ayrtons, Evans,
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Australia:
Felton Grimwade
C.D.A.

S. Africa:
Border Drug,
Gardners.

PERFUMERS! SHORTAGE OF LABOUR

Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write, stating requirements—

MARTIN & CO., 71 City Road, Finsbury, London, E.C.1

COTTON WOOL 2/2 per lb.

in 1 cwt. lots; 55 lb. at 2/2. Carriage paid. Cash with order. Wrappers 3/6 extra, and are returnable. The wool is white, absorbent, and interleaved. Sample for stamp. Special price for bigger lots. Super quality at reasonable prices.

JAS. Q. MILLS, Chemist, Platt Bridge, WIGAN

"HOLMIER" BRAND COMPOUND SACCHARIN TABLETS.

One is equal to a teaspoonful of sugar.

Made with American 550 Saccharin. 5,000 lots @ 14/- per 1000; 10,000 @ 13/9; 20,000 @ 13/6; 50,000 @ 13/3; 100,000 @ 13/-; 1,000,000 @ 12/6. Net c.w.o. Immediate Delivery.

MEYER, Manufacturing Chemists, 98 COLMORE ROW, BIRMINGHAM.

SACCHARIN TABLETS.

Absolutely Pure and Soluble.

Made from finest Monsanto (American) Saccharin.

In 1 lb. boxes containing 8,000, 15/6 per 1,000. Prompt delivery by registered post. Cash with order. Attractive Window Bill enclosed.

WATSON & CO., Tablet Manufacturers, 8 ALBERT STREET, Loughborough.
Cheques to be crossed: London City & Midland Bank, Loughborough.

SACCHARIN TABLETS

Guaranteed absolutely pure and soluble.

1/4 grain 330 in 1 grain. Made from finest American 550 Saccharin.

10,000 lots at 16/6 per 1,000
25,000 " 16/3 "
100,000 " 16/- "

Cash with order.
Immediate delivery.
Registered post paid.

AUSTIN, Wholesale Chemist, Salfley, Birmingham.

SPECIAL OFFER OF 5,000,000 SACCHARIN TABLETS.

1 grain, 330 in 1: 10,000 @ 13/6, 25,000 @ 13/3, 50,000 @ 12/11, 100,000 @ 12/9, 250,000 @ 12/8, 500,000 @ 12/7, 1,000,000 @ 12/6 per 1,000.

1 grain, 330 in 1: about 7,000 to the lb.: 1,000 @ 21/-, 10,000 @ 19/9, 25,000 @ 19/6, 50,000 @ 19/3, 100,000 @ 19/- per 1,000.

Immediate Delivery. Cash with Order.

W. TRAVIS, 203 WHITECROSS STREET, LONDON, E.C.1

1/4 Grain 330 SACCHARIN TABLETS.

Made from finest Monsanto (American) 550 Saccharin, and guaranteed absolutely pure and soluble.

5,000 @ 15/- per 1,000 | 25,000 @ 14/- per 1,000
10,000 @ 14/6 " | 100,000 @ 13/6 "

Registered post paid. Immediate delivery. Cash with order.

J. AUSTIN, Chemist, Alum Rock Road, BIRMINGHAM.

SUBJECT UNSOLD.

5 Tons HARD WHITE BLOCK

STEARIC ACID 120/122
M.P.

PRACTICALLY FREE ODOUR.

Box 191/27, Office of this Paper.

Saccharin Tablets.

BUY DIRECT FROM THE MANUFACTURER.
SATISFACTION ASSURED.

10,000 lots 15/10 per 1,000
20,000 " 15/7 "
50,000 " 15/4 "

E. GOODWIN & CO., 21 Moor St., CONGLETON, CHESH. RE.

DON'T READ THIS unless you require THE smartest Cards obtainable that will prove their value in your window.

For 3/6 1 15x10 Aero-Panel Line Card for various "Preps." —Face Powders & Creams, Tooth Powders, Perfumes, Soaps, etc. etc. (In HIGH-CLASS STYLE.)

For 5/9 4 12x8 (New Effective Size) Art Series Cards for various "Preps." (In SPECIAL EFFECTIVE STYLES.) (Previous Advt. cancelled.)

F. MERTEN, 112 Warham Road, HARRINGAY, LONDON, N.4.
(Late F. M. & Co. of Holloway.)

DAMANCY & CO., HARROW

SACCHARIN (Monsanto) TABLETS

1/4 grain 330 in each tablet.

14/- per 1,000; 13/6 per 1,000 for 20,000; 12/9 per 1,000 for 100,000. Reduction for larger quantities. Cash with order. Carriage paid.

The Original Advertiser of

SACCHARIN TABLETS

1/2 gr. 330 in 1.

Still leads and offers

1 lb. (average over 7,000) £7 0 0 per lb.
2 lb. 6 19 0 "
5 lb. 6 18 0 "
10 lb. 6 17 0 "
20 lb. 6 16 0 "

Flasks of 100 @ 26/- per doz; 200 @ 50/-; 1000 lots, 20/- each

Tablets of 1 gr. 330 in 1 (average 7,000)
100/- per lb.; 2 lbs. @ 97/6; 5 lbs. @ 95/-

CASH WITH ORDER. REGISTERED POST PAID.
SAME DAY AS ORDER RECEIVED.

WALTON, Chemist, BATLEY, YORKS

MISCELLANEOUS.

MCADAM & TUCKNISS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—100 International Plasmion, 8s. 3d., yield about 9%; 100 Ilford Preference, 20s.; 100 Lamson Paragon Ordinary, 23s. 6d.

Wanted (subject).—Athenbury Preference; W. J. Bush Prefs.; Camwall Ordinary, Preference, and Debentures; Ildris "A" Prefs. and Debentures; G. B. Kent Preference; 200 Ilford Ordinary, 20s. 3d.; 300 Parke's Drug Ordinary, 9s. 3d.; Wright Layman Preference.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

ABOUT 5 tons finest Pure White French Chalk; prompt delivery from stock; inquiries solicited. Brazendale & Co., Leeds Street, Liverpool.

FOR Sale, 3 Show Carboys, colours light and dark red, 21s. each; also some odd Partitioning, a useful Iron Safe, Show Cases, and Window Fittings, all suitable for Chemists. Wm. Rotter & Sons, Ltd., 160 Aldersgate Street, London, E.C. 1.

SACCHARIN Tablets, 40 lb., $\frac{1}{2}$ gr., 330 in 1 guaranteed, over 7,000 to pound, 1 lb. 47. 2 lb. 46 19s. per lb., 5 lb. 46 18s. per lb.; no better tablet obtainable; cash with order; immediate registered delivery. A. Walton, 40 Washington Street, Bradford.

WHAT offers for five 5-cwt. Casks of Genuine White Pepper? sample 3d.; 10 1-cwt. cases Spanish Juice, 2-oz. sticks. Barker, 42 Bath Street, Abingdon.

25 LB. 550 Saccharin, 402s. 6d. per lb.; $\frac{1}{2}$ gr. in 1 Saccharin Tablets, 22s. per 1,000, or 150s. per lb.; $\frac{1}{2}$ gr. in 1, 16s. per 1,000, or 110s. per lb.; 100's, 24s. per doz.; C.W.O., immediate despatch. Henning, Medical Hall, Larnie.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

4 CWT. guaranteed Wood Chemical, 6d. a lb.; 2 cwt. New Zealand Infusorial Earth. Butterworth, 11 Bewley Street, Manchester.

36 BOTTLES Wayne County Oil of Peppermint, 25s. lb., carriage paid. Butterworth, 11 Bewley Street, Manchester.

350,000 SACCHARINE TABLETS for disposal; special brand; well made and soluble; contain pure and finest American Saccharine; $\frac{1}{2}$ grain; about 7,000 to lb.; satisfaction guaranteed; 5,000, 14s. 6d.; 20,000, 14s.; 50,000, 13s. 9d. per 1,000; sample 1,000, 15s.; bankers, Lloyds, Coopers, Chemists, Halesowen, Birmingham. Registered post paid.

200,000 SACCHARIN TABLETS; $\frac{1}{2}$ grain in 1; strength guaranteed by analysis; 15s. per 1,000; registered post same day; cash with order. T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

FOR DISPOSAL.

BOOKS AND PERIODICALS.

"BUSINESS Encyclopaedia and Legal Adviser," by W. S. M. Knight; 9 8s. 6d. volume; complete; excellent condition; what offers? Holland, Maisonettes, Green Road, Bournemouth.

DENTAL.

FIVE Celluloid Full Upper Showpieces. R. Lamb, 123 West End Lane, London.

DRUGS AND CHEMICALS.

1 B. 1 C. 1 caned bottle Sparklet Syphons, 2 5-pt. Seltzogenes caned, one marked 'Boots,' all second-hand, fair condition. Offers to Scholes, Chadderton, Oldham.

OPTICAL AND PHOTOGRAPHIC.

OPTICAL Trial Case; 30 pairs each Convex and Concave Spheres, 18 each cylinders; mostly unmounted; trial frame; lens measure; price 4s. or near offer. Particulars from Bullock, R.A.F. Sick Quarters, Isle of Grain, Kent.

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SUPPOSITORY Moulds, one of each, 3 dozen 15-grain, 1 dozen 15-grain, 1 dozen 30-grain, half-dozen 30-grain. Timothy White Co., Ltd., Portsmouth.

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STEAM Generator, with or without gas burner; jacketed pan, 15-20 gallons, with or without mixer; also Emulsifying Machine, about 10 gallons. Johnston & Adams, Dapdee.

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TRY IT. YOU WILL BE DELIGHTED.

Good for **SWEETEN-IT** Ice-Cream, Cakes, Pastry, Puddings, Jam, etc.

SELLS LIKE HOT CAKES.

Packed in Envelopes.

Retail 3d. Packet costs	30/- gross, Wholesale	27 6	5 gross
" 6d. "	52/- "	"	50/- assorted
" 1/- "	96/- "	"	92/- only.

Cash with Order. Immediate delivery. Carriage Paid. **AGENTS:**

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25 TONS OF BEST REFINED SODII BICARBONATE

to be Sold at £22 2s. per ton ex warehouse, Manchester.

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SACCHARIN 550 "MONSANTO" BRAND

For sale in 5, 10 or 25-lb. tins ... **400/-** per lb.
Cash with order.

WATSONS' OF SHEFFIELD

Give TWO-THIRDS Retail Price for No. 1 Junior Kodaks and No. 2 Folding Brownies and for many other cameras,

Three-quarters Retail Price for ROLL FILMS of all kinds. Out-of-date films bought for experimental purposes.

If you have anything photographic, cameras, apparatus or supplies you cannot sell, send it to us now. It will never be worth so much to you again.

WATSONS', The Camera House,
Tel. No. 27. 84 High Street, Sheffield.

8/6
VERY
FEW.

Jay Mack's Ledger

gives Yearly Sales, Purchases, Exes., with only 10 mins. work weekly; Easy Stocktaking explained; Form Pages show Balance Sheets and Income Tax Deductions; no previous Book-keeping experience needed.

10/6
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On appro. on receipt of cheque. 1/- Post Booking Fee, deducted if returned.

Mack-Ivor, Hightown P.O., Crewe.	Ayrtons, Evans, Bleasdale, Ucal Raimes (Edinb.)	Australia: Felton Grimwade C.D.A.	S. Africa: Border Drug, Gardners.
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MARTIN & CO., 71 City Road, Finsbury, London, E.C.1

COTTON WOOL 2/2 per lb.

in 1 cwt. lots; 56 lb. at 2/2½. Carriage paid. Cash with order. Wrappers 3/6 extra, and are returnable. The wool is white, absorbent, and interleaved. Sample for stamp. Special price for bigger lots. Super quality at reasonable prices.

JAS. Q. MILLS, Chemist, Platt Bridge, WIGAN

"HOLMIER" BRAND COMPOUND SACCHARIN TABLETS.

One is equal to a teaspoonful of sugar.

Made with American 550 Saccharin. 5,000 lots @ 14/- per 1000; 10,000 @ 13/9; 20,000 @ 13/6; 50,000 @ 13/3; 100,000 @ 13/-; 1,000,000 @ 12/6. Net c.w.o. Immediate Delivery.

MEYER, Manufacturing Chemists, 98 COLMORE ROW, BIRMINGHAM.

SACCHARIN TABLETS.

Absolutely Pure and Soluble.

Made from finest Monsanto (American) Saccharin.

In 1 lb. boxes containing 8,000, 15/6 per 1,000.

Prompt delivery by registered post. Cash with order. Attractive Widow Bill enclosed.

WATSON & CO. 8 ALBERT STREET, Loughborough.
Cheques to be crossed: London City & Midland Bank, Loughborough.

SACCHARIN TABLETS

Guaranteed absolutely pure and soluble.

½ grain 330 in 1 grain. Made from finest American 550 Saccharin.

10,000 lots at 16/6 per 1,000	Cash with order.
25,000 " 16/3 "	Immediate delivery.
100,000 " 16/- "	Registered post paid.

AUSTIN, Wholesale Chemist, Salford, Birmingham.

SPECIAL OFFER OF 5,000,000 SACCHARIN TABLETS.

½ grain, 330 in 1: 10,000 @ 13/6, 25,000 @ 13/3, 50,000 @ 12/11, 100,000 @ 12/9, 250,000 @ 12/8, 500,000 @ 12/7, 1,000,000 @ 12/6 per 1,000.

½ grain, 330 in 1: about 7,000 to the lb.: 1,000 @ 21/-, 10,000 @ 19/9, 25,000 @ 19/6, 50,000 @ 19/3, 100,000 @ 19/- per 1,000.

Immediate Delivery. Cash with Order.

W. TRAVIS, 203 WHITECROSS STREET, LONDON, E.C.1

½ Grain 330 SACCHARIN TABLETS.

Made from finest Monsanto (American) 550 Saccharin, and guaranteed absolutely pure and soluble.

5,000 @ 15/- per 1,000	25,000 @ 14/- per 1,000
10,000 @ 14/6 "	100,000 @ 13/6 "

Registered post paid. Immediate delivery. Cash with order.

J. AUSTIN, Chemist, Alum Rock Road, BIRMINGHAM.

SUBJECT UNSOLD.

5 Tons HARD WHITE BLOCK

STEARIC ACID 120/122 M.P.

PRACTICALLY FREE ODOUR.

Box 191/27, Office of this Paper.

Saccharin Tablets.

BUY DIRECT FROM THE MANUFACTURER. SATISFACTION ASSURED.

10,000 lots	...	...	...	15/10 per 1,000
20,000 "	...	...	...	15/7 "
50,000 "	...	...	...	15/4 "

E. GOODWIN & CO., 21 Moor St., CONGLETON, CHESH RE.

DON'T READ THIS

unless you require THE smartest Cards obtainable that will prove their value in your windows.

For 3/6 1 15×10 Aero-Panel Line: Card for various "Preps." Packing & Carr. Paid. —Face Powders & Creams, Tooth Powders, Perfumes, Soaps, etc. etc. (In HIGH-CLASS STYLE.)

For 5/9 4 12×8 (New Effective Size) Art Series Cards for Packing & various "Preps." (In SPECIAL EFFECTIVE STYLES.) Carr. Paid. (Previous Adverts. cancelled).

F. MERTEN, 112 Warham Road, HARRINGAY, LONDON, N.4.
(Late F. M. & Co., of Holloway.)

DAMANCY & CO., HARROW

SACCHARIN (Monsanto) TABLETS

½ grain 330 in each tablet.

14/- per 1,000; 13/6 per 1,000 for 20,000; 12/9 per 1,000 for 100,000. Reduction for larger quantities. Cash with order. Carriage paid.

The Original Advertiser of

SACCHARIN TABLETS

½ gr. 330 in 1. Still leads and offers

1 lb. (average over 7,000)	£7 0 0 per lb.
2 lb. ...	6 19 0 "
5 lb. ...	6 18 0 "
10 lb. ...	6 17 0 "
20 lb. ...	6 16 0 "

Flasks of 100 @ 26/- per doz; 200 @ 50/-; 1000 lots, 20/- each

Tablets of ½ gr. 330 in 1 (average 7,000)

100/- per lb.; 2 lbs. @ 97/6; 5 lbs. @ 95/-

CASH WITH ORDER. REGISTERED POST PAID. SAME DAY AS ORDER RECEIVED.

WALTON, Chemist, BATLEY, YORKS

P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

The prices announced below will come in force as from the date of this issue:—

		Minimum Retail Price.	Minimum Wholesale Price.
4 oz.	Armour's Essence of Pepsin	2/9	23/2
8 oz.	"	5/-	43/11
16 oz.	"	9/6	82/2
W. Qts.	"	—	41/11 ea.
8 oz.	Elixir of Enzymes	4/-	36/-
16 oz.	"	7/6	68/-
W. Qts.	"	—	32/- ea.
8 oz.	Nutritive Elixir of Peptones	3/3	29/2
16 oz.	"	6/-	54/6
W. Qts.	"	—	25/- ea.
Advert. Price.			
1/-	Baxter's Asthma Cure	1/-	8/6
3/-	Martindale's Amyl Nit. Capsules	2/9	25/8
1/6	Pond's Areco Tooth Paste	1/6	13/6
3/-	"	3/-	27/-
4/6	"	4/6	40/6
2/6	" Arthriticus	2/6	22/6

SUGARINE

The New Sweetening

Powder, without a rival for Cakes, Puddings, and all purposes where the Tablet Form is inconvenient.

9d. Pkts. - **6/9** per doz.

3 Doz. for - - - **£1**

1 Gross for - **£3 10s.**

Supplied in bulk at **7/6** per lb.

16 labels free with each pound.

WINDOW BILLS FREE

with each order.

Cash Terms. Carriage Paid.

WALTON, CHEMIST, BATLEY.

"BENNET'S" Saccharin Tablets

The Finest yet offered. Soluble.

Immediate Delivery from Stock.

1 lb.	...	...	£7 0 0	per lb.
5 lb.	...	...	£6 18 9	"
10 lb.	...	...	£6 18 3	"
50 lb.	...	...	£6 17 6	"
100 lb.	...	...	£6 16 6	"

Average **over** 8,000 Tablets to the lb.

CASH WITH ORDER. CARRIAGE PAID.

BENNET & CO., Cromwell House,
HOLBORN, LONDON, W.C. 1.

SACCAS SWEETENING TABLETS

One tablet guaranteed equal
to large lump of SUGAR.

In lots of not less than 5,000, 12/6 per 1,000.

Special Terms for Large Quantities.

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